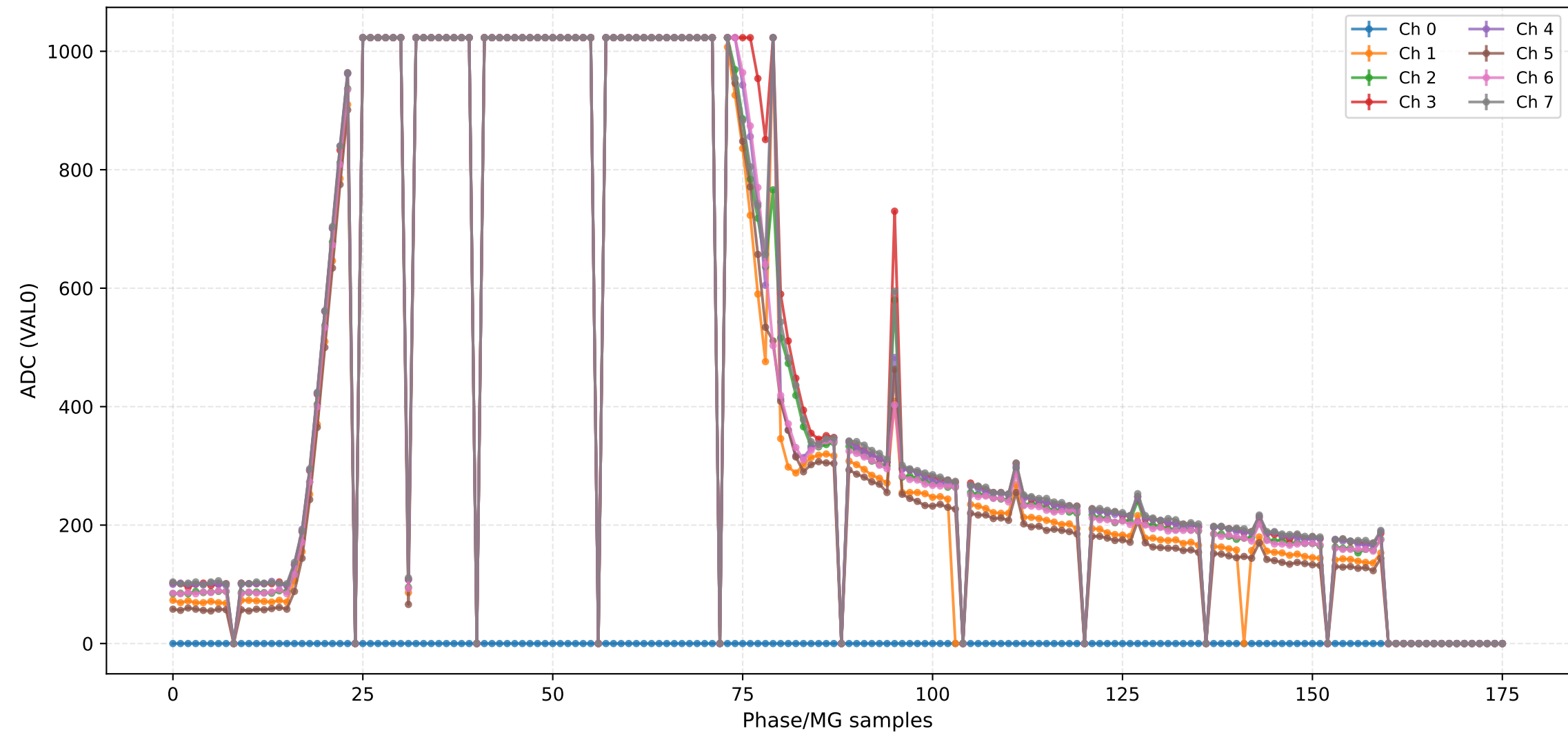
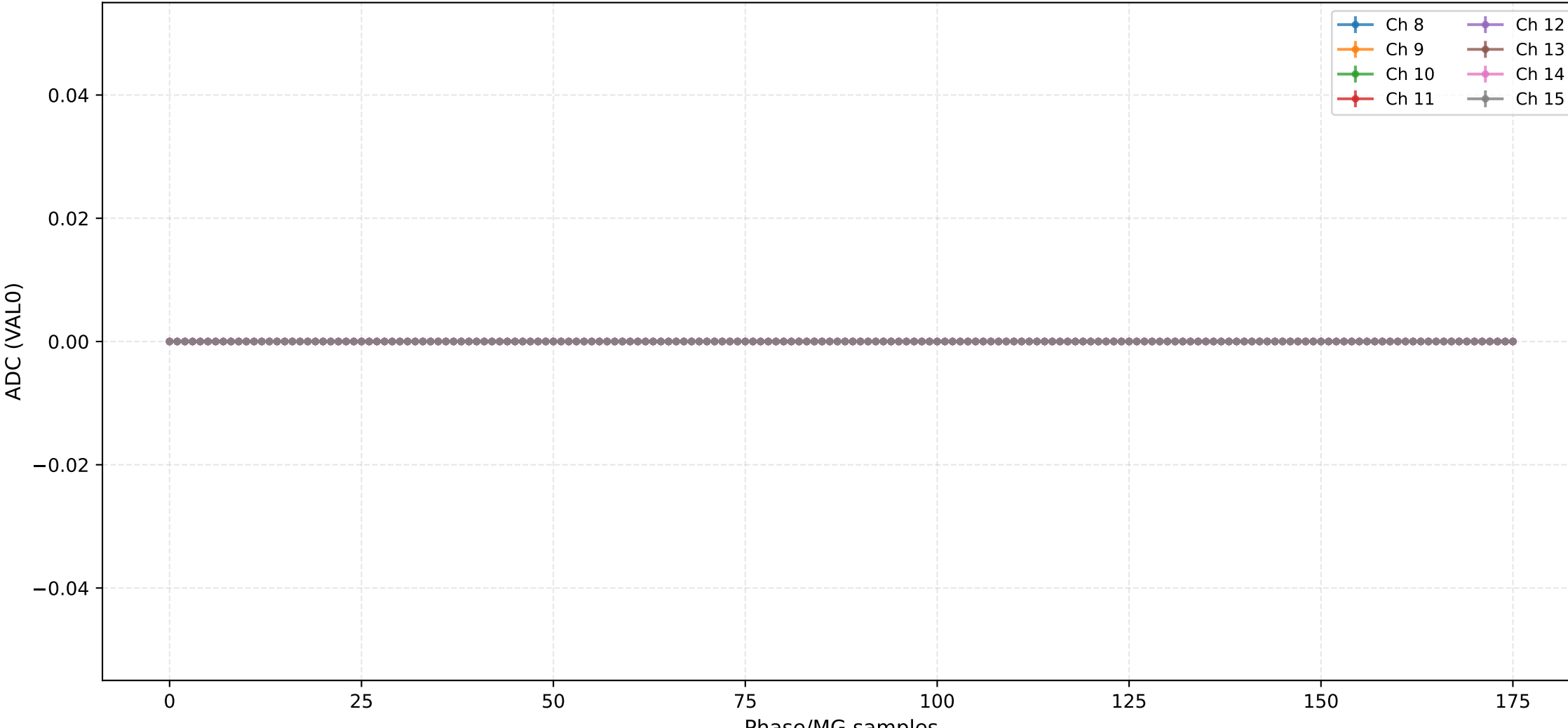


ADC (VAL0) - Channels 0 to 7



### ADC (VAL0) - Channels 8 to 15



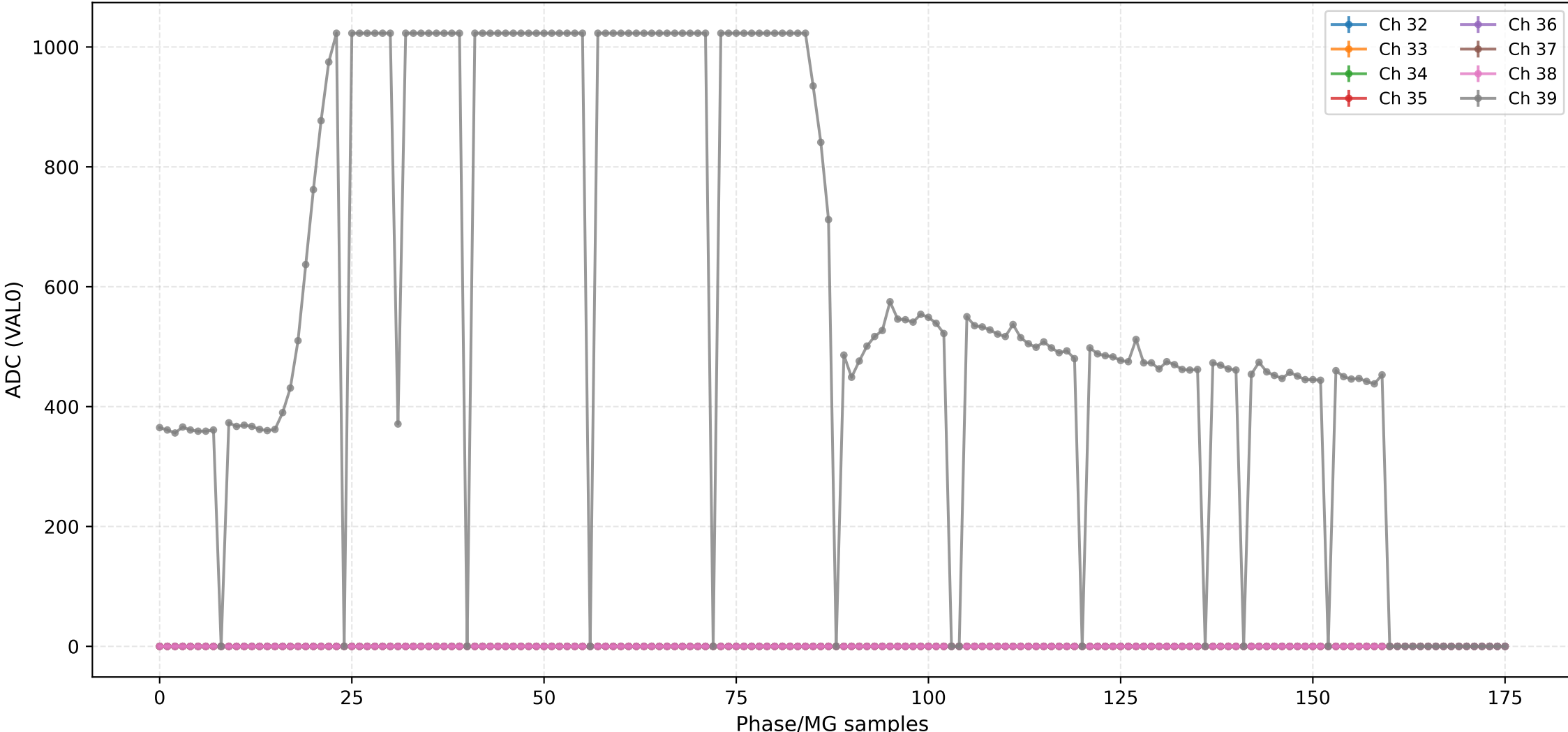
### ADC (VAL0) - Channels 16 to 23



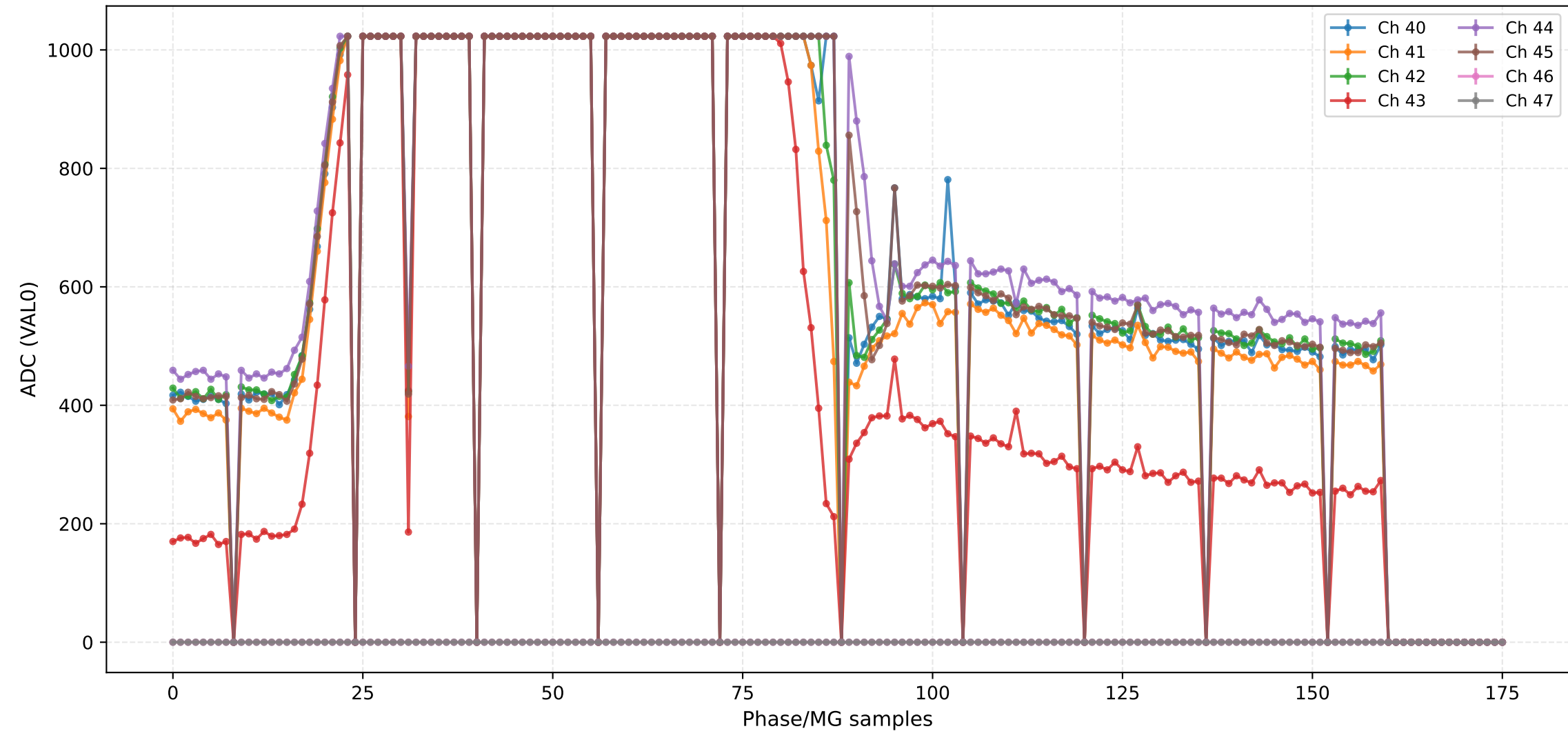
### ADC (VAL0) - Channels 24 to 31



## ADC (VAL0) - Channels 32 to 39



ADC (VAL0) - Channels 40 to 47



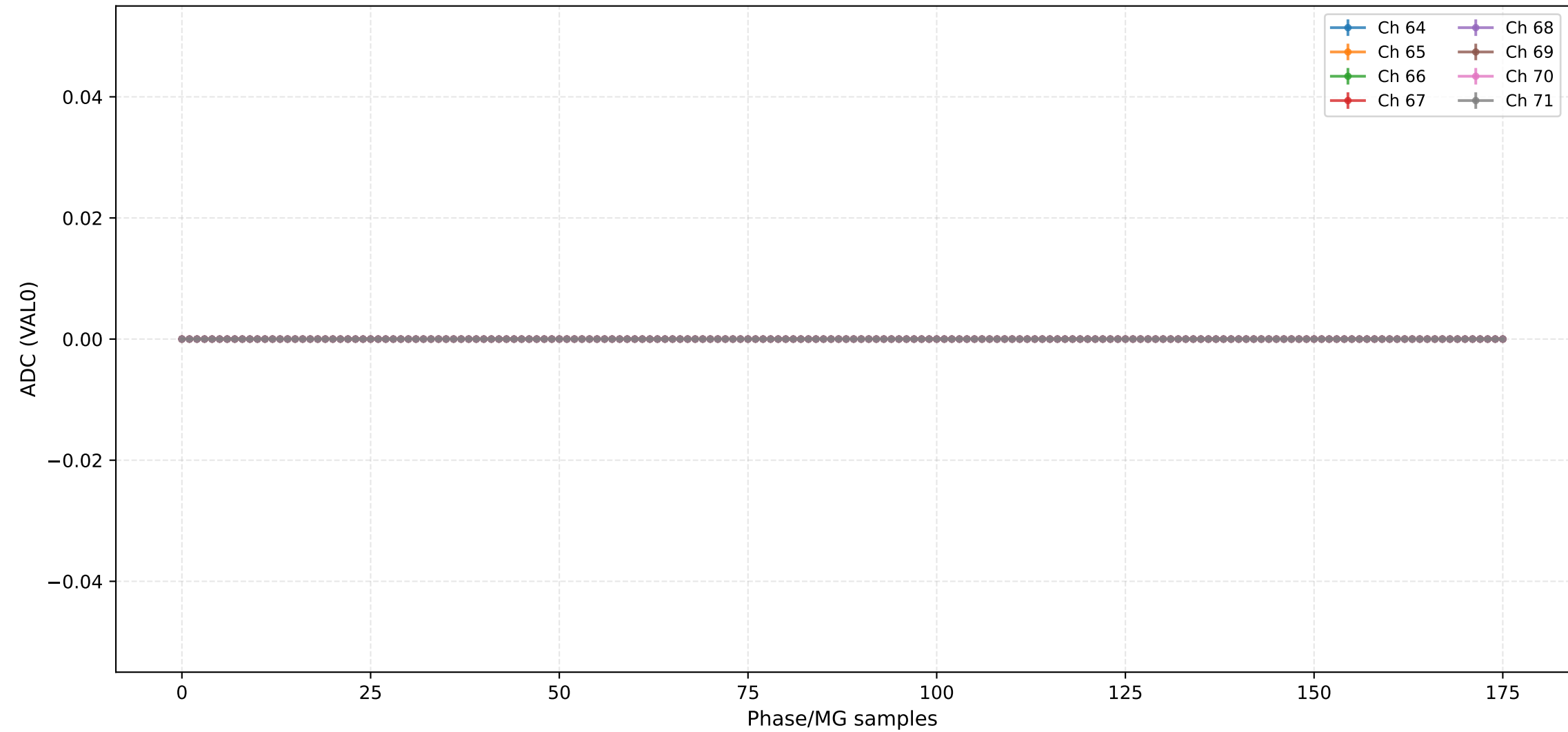
### ADC (VAL0) - Channels 48 to 55



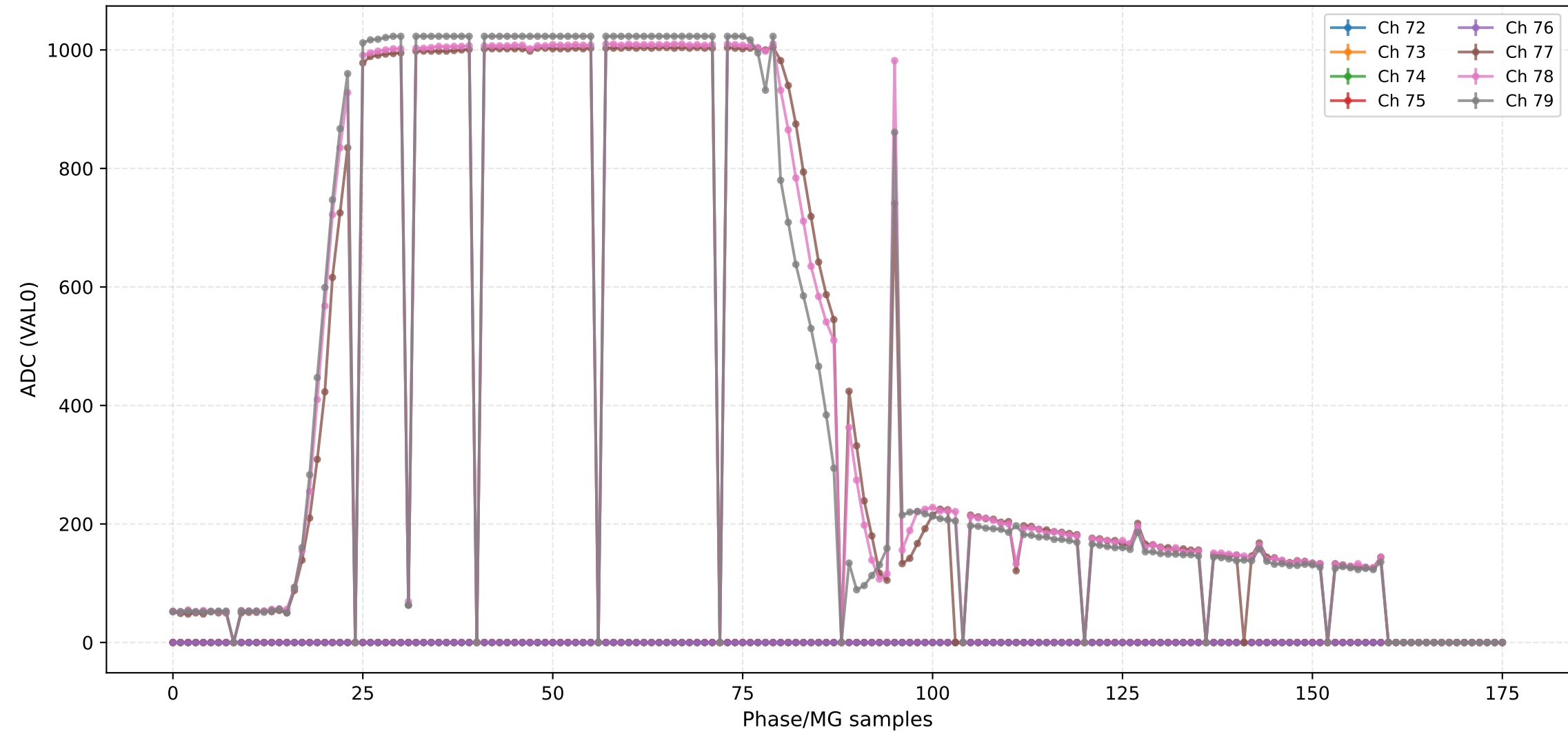
## ADC (VAL0) - Channels 56 to 63



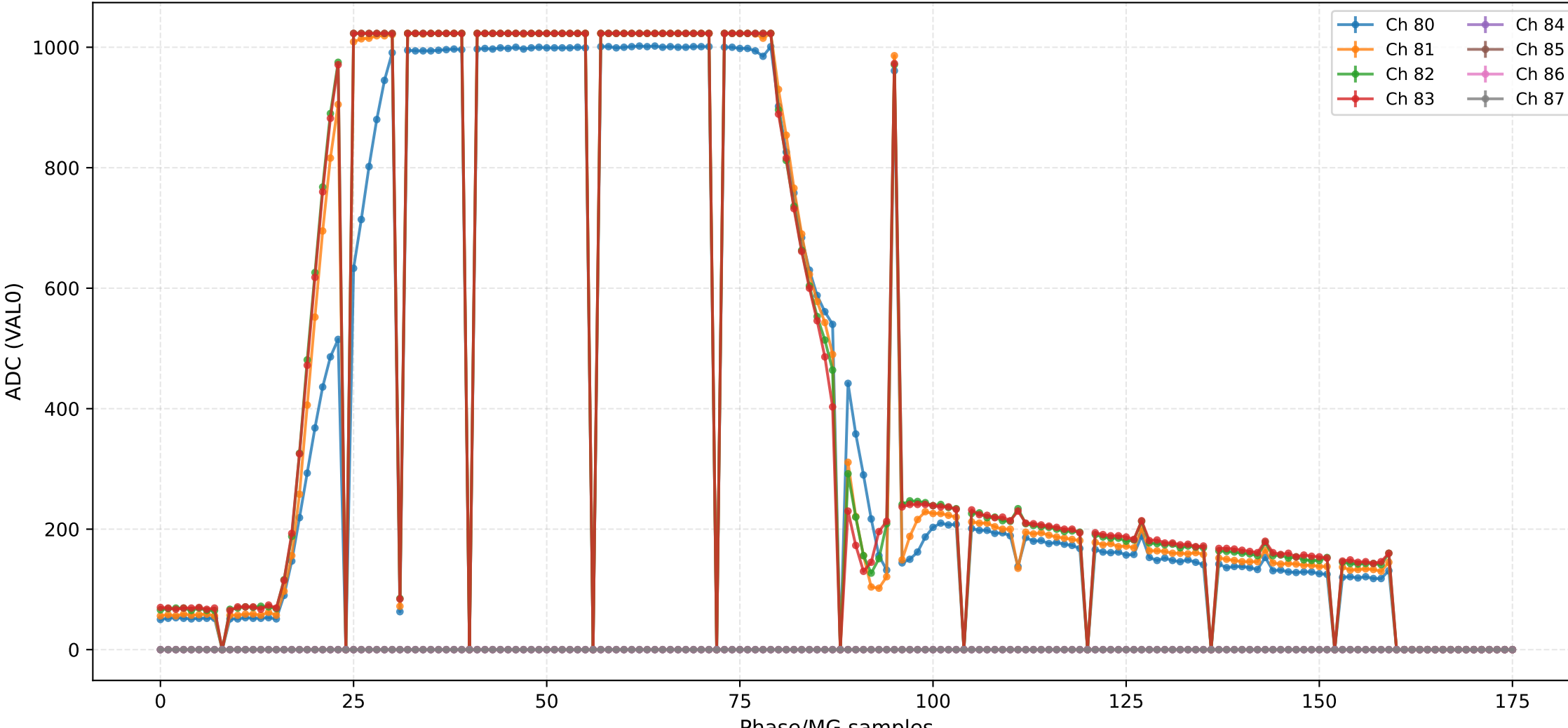
## ADC (VAL0) - Channels 64 to 71



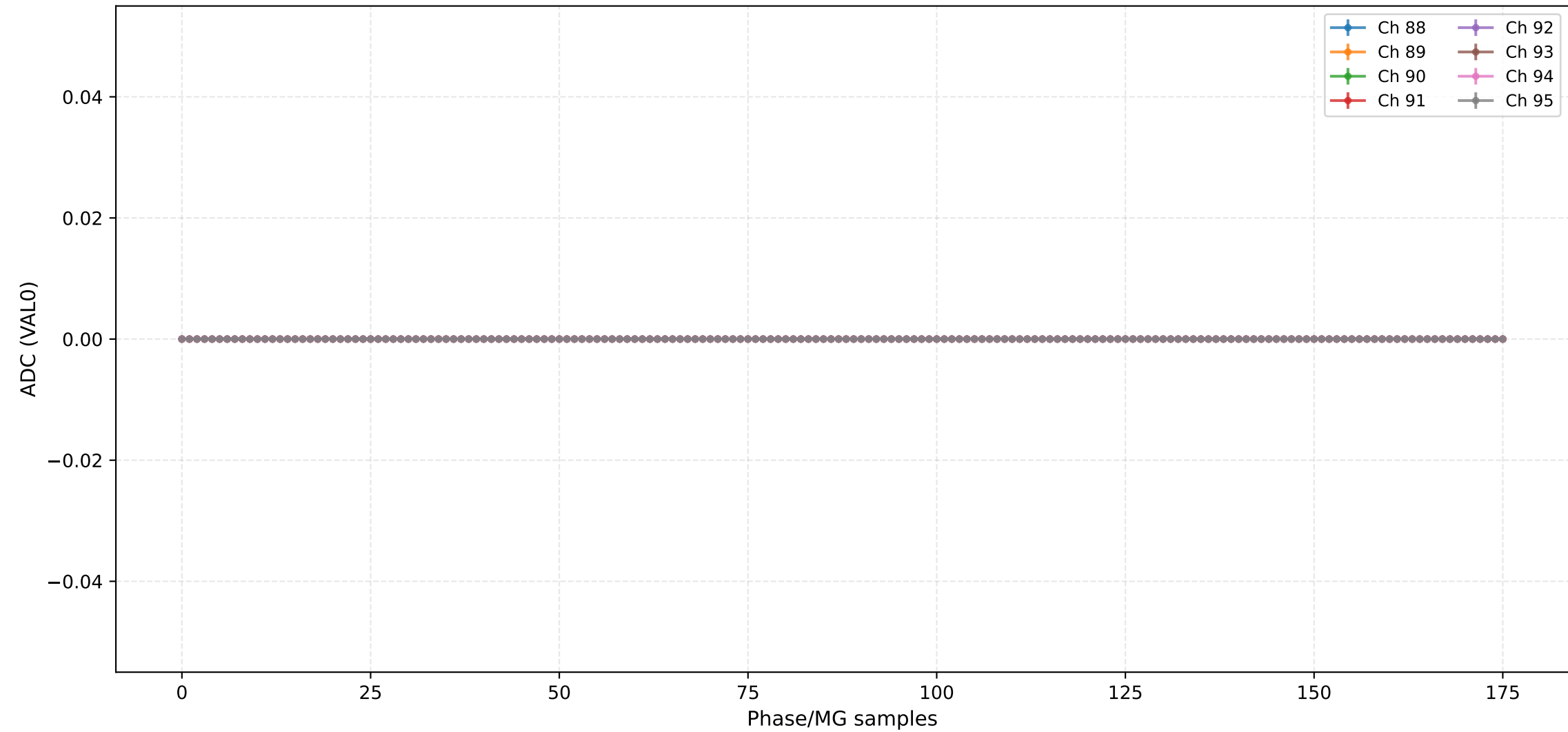
ADC (VAL0) - Channels 72 to 79



## ADC (VAL0) - Channels 80 to 87



### ADC (VAL0) - Channels 88 to 95



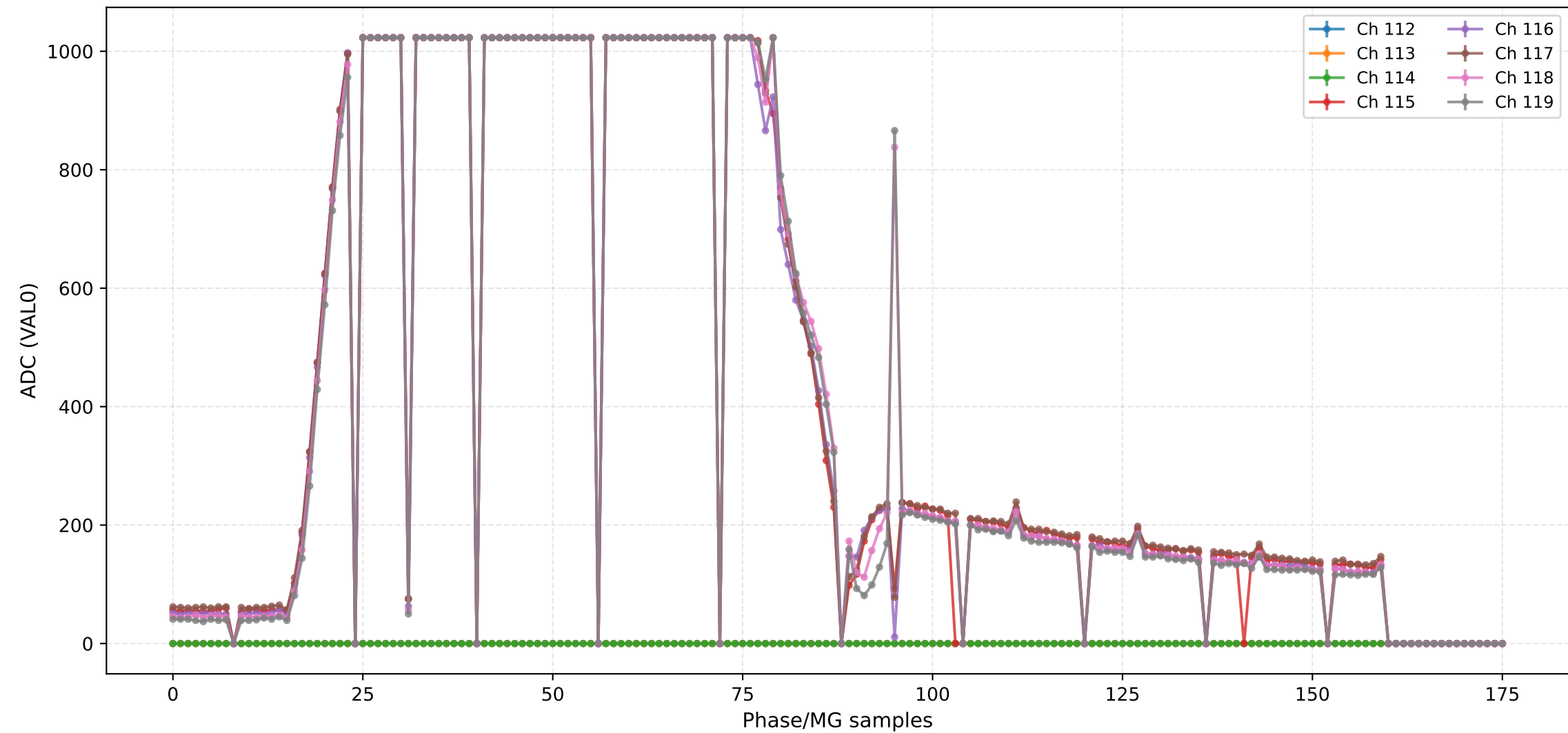
## ADC (VAL0) - Channels 96 to 103



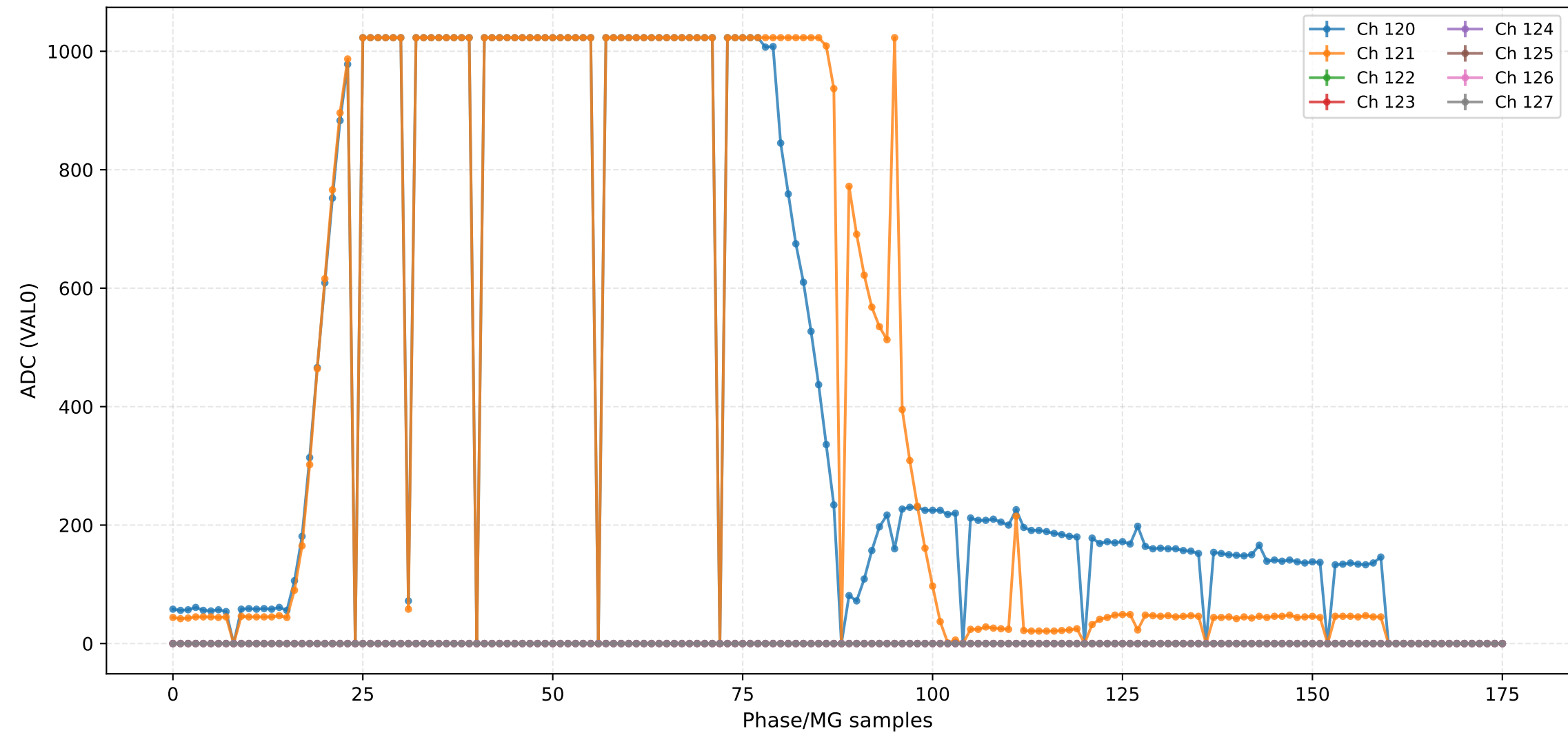
## ADC (VAL0) - Channels 104 to 111



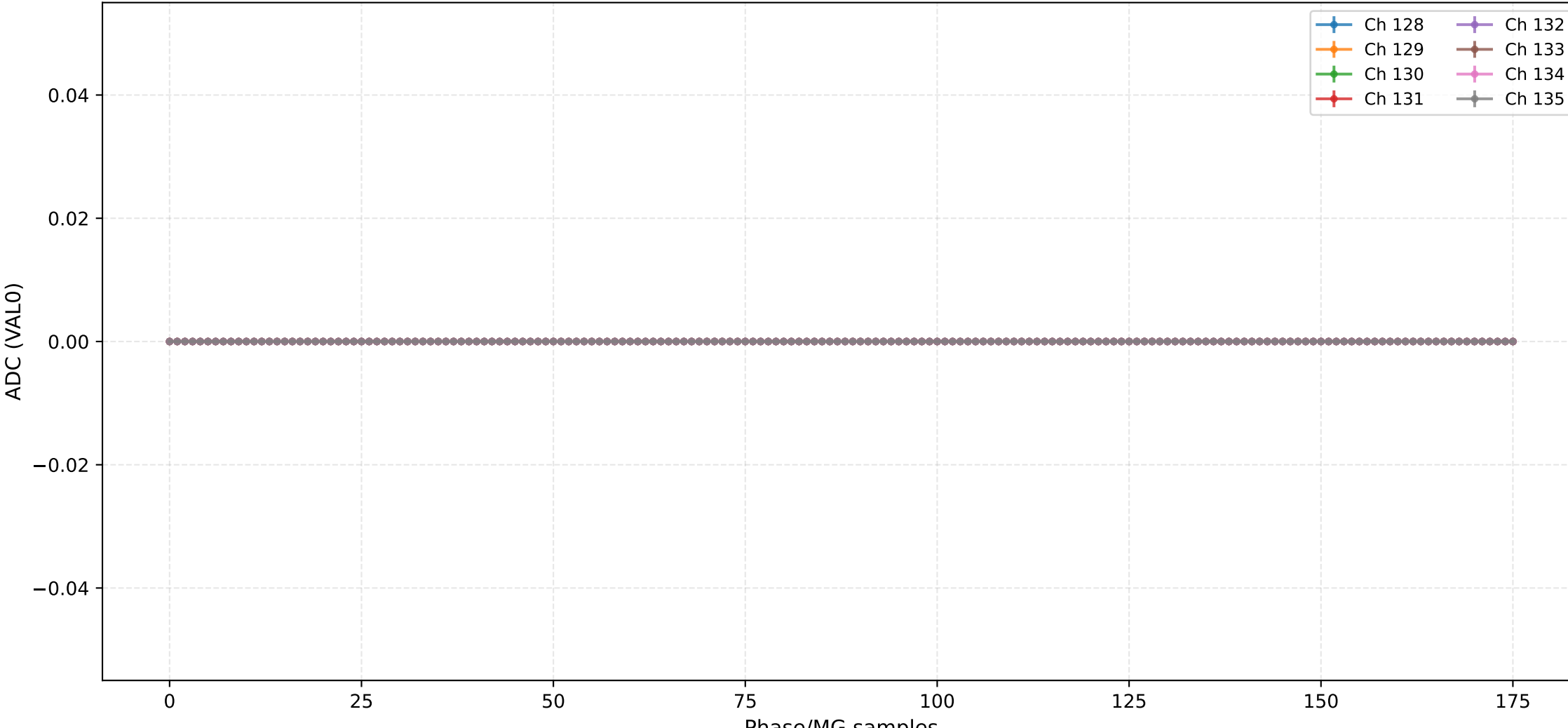
ADC (VAL0) - Channels 112 to 119



ADC (VAL0) - Channels 120 to 127



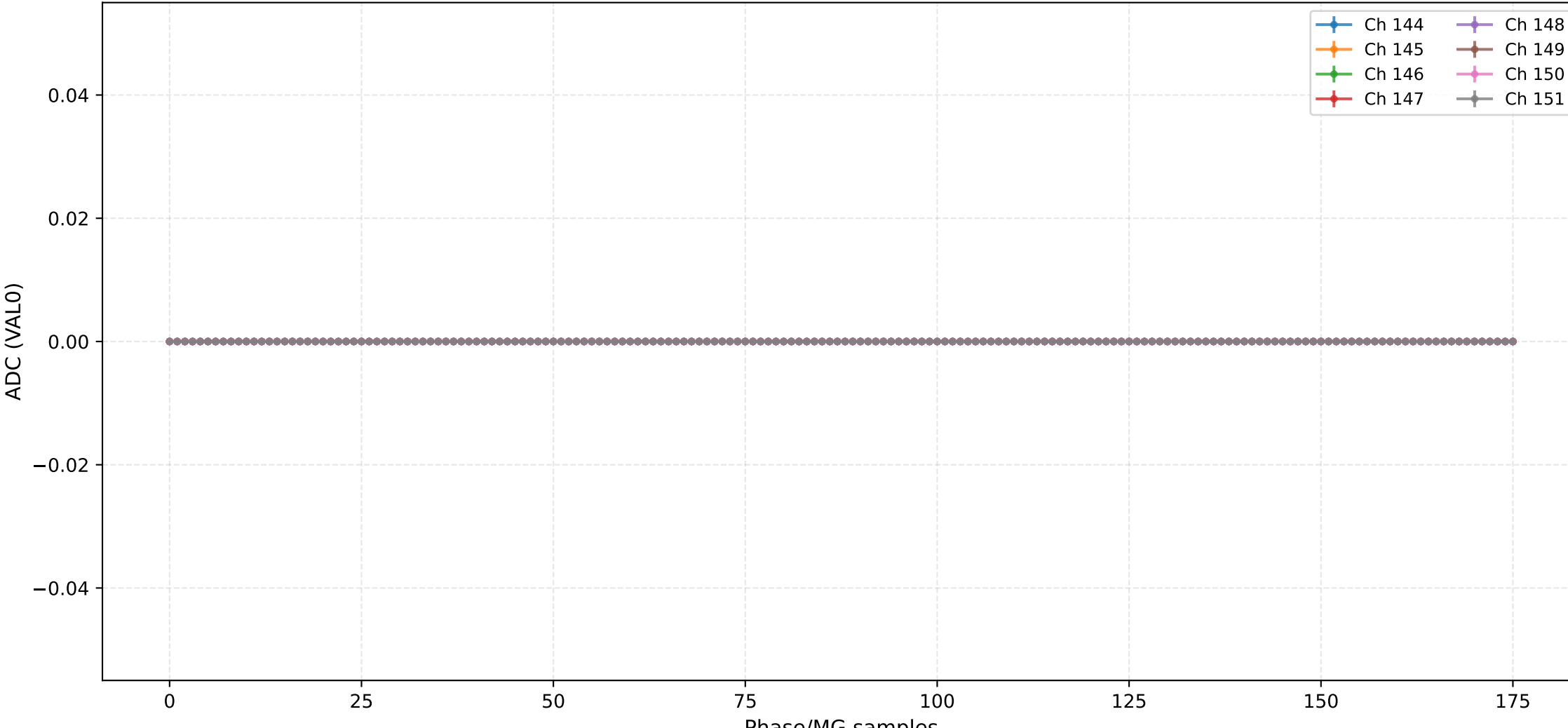
## ADC (VAL0) - Channels 128 to 135



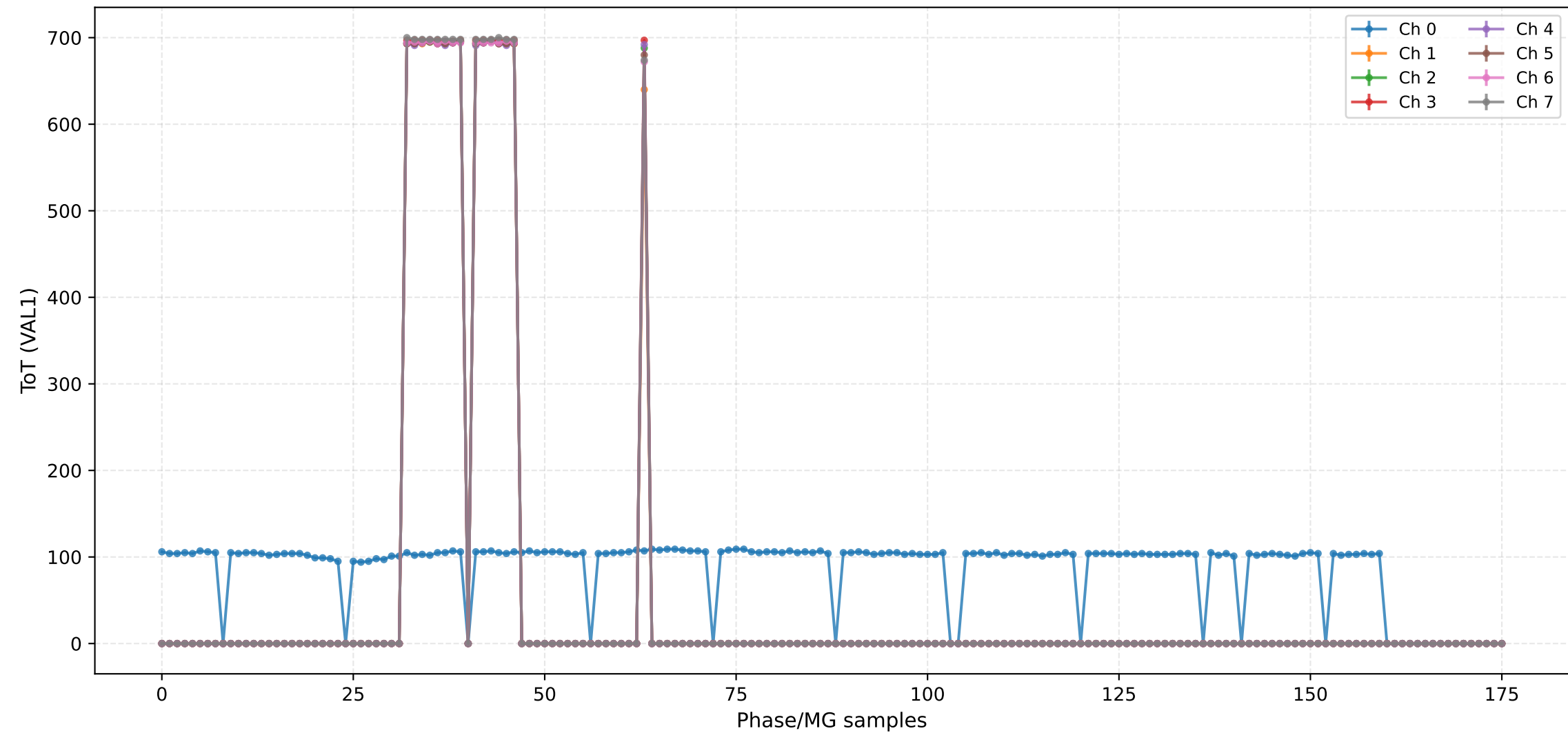
## ADC (VAL0) - Channels 136 to 143



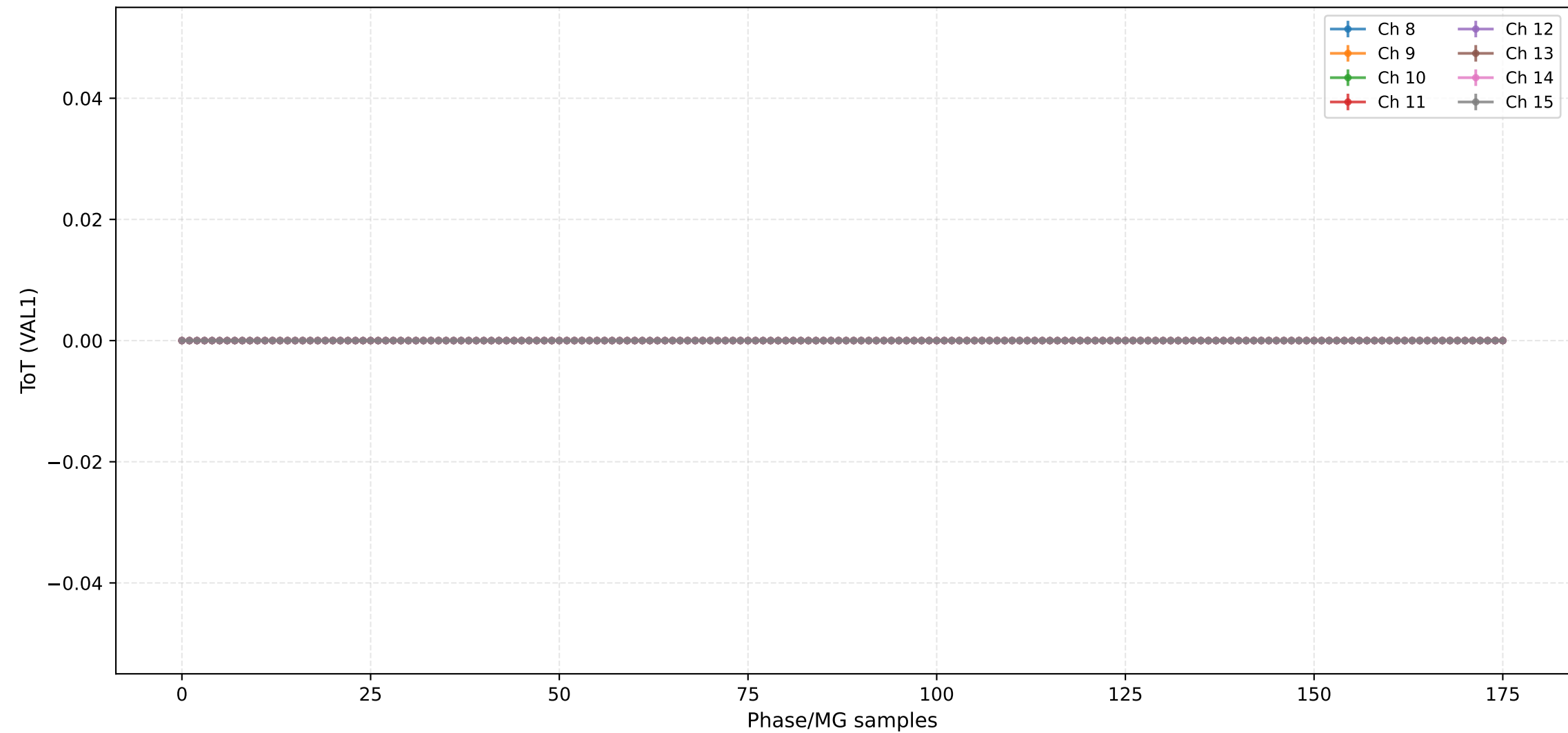
## ADC (VAL0) - Channels 144 to 151



ToT (VAL1) - Channels 0 to 7



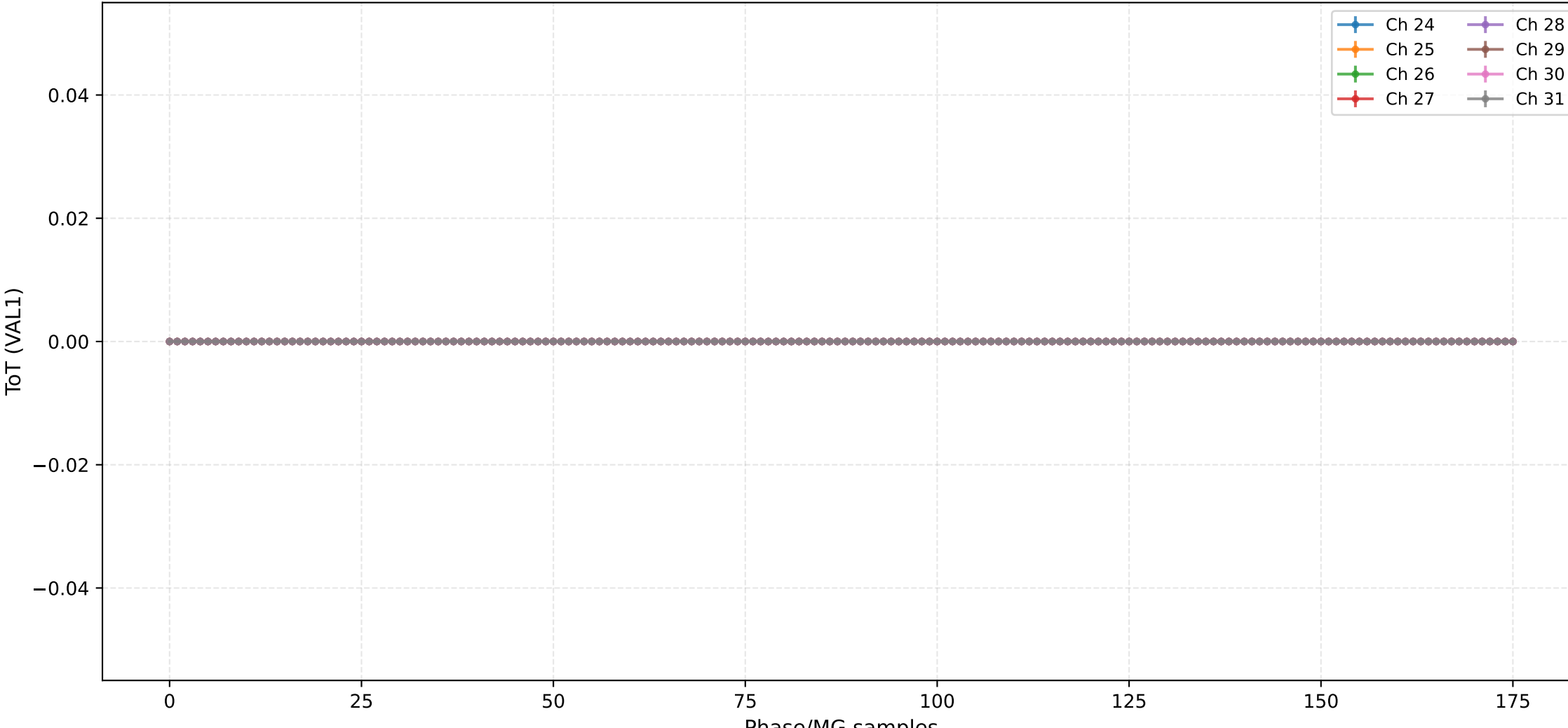
ToT (VAL1) - Channels 8 to 15



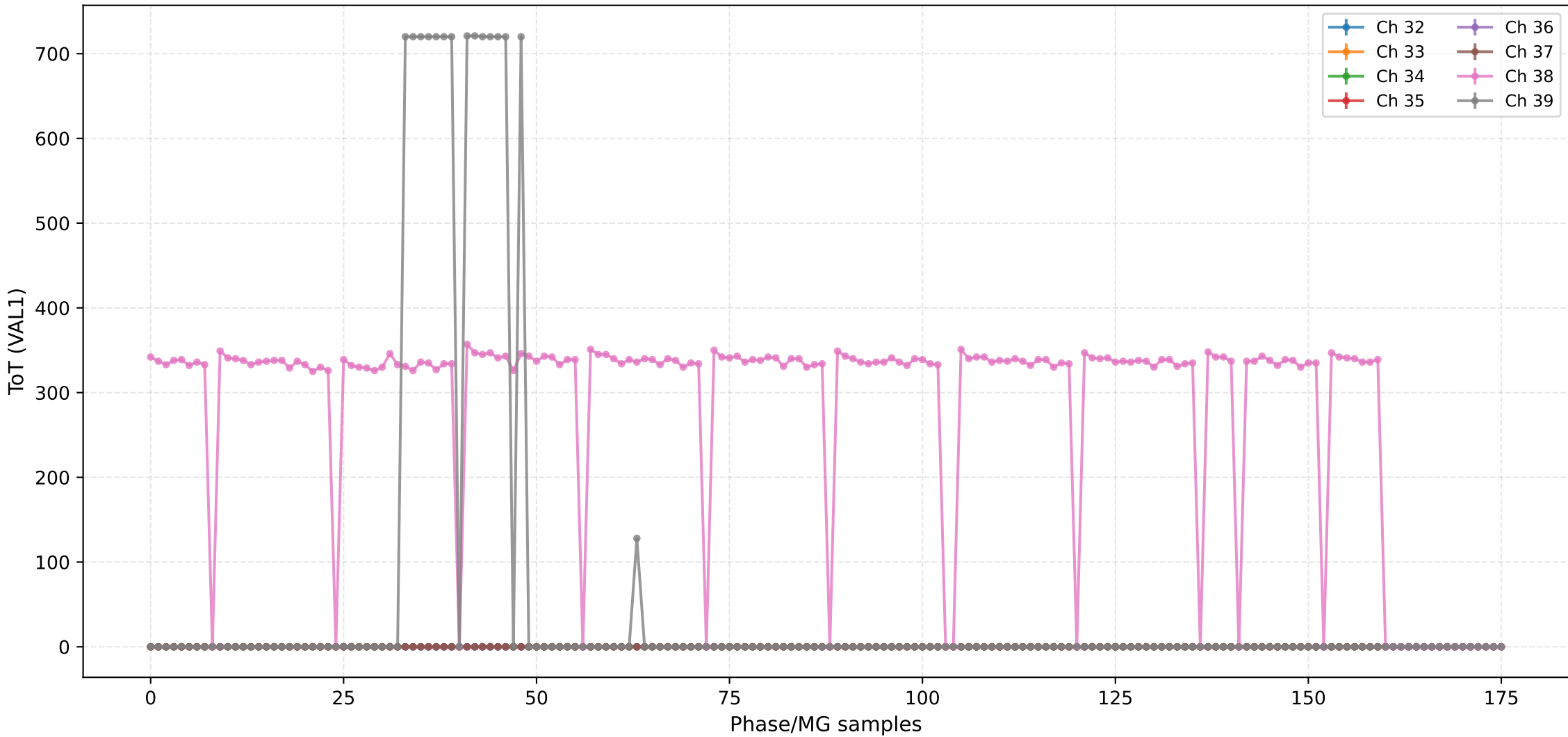
### ToT (VAL1) - Channels 16 to 23



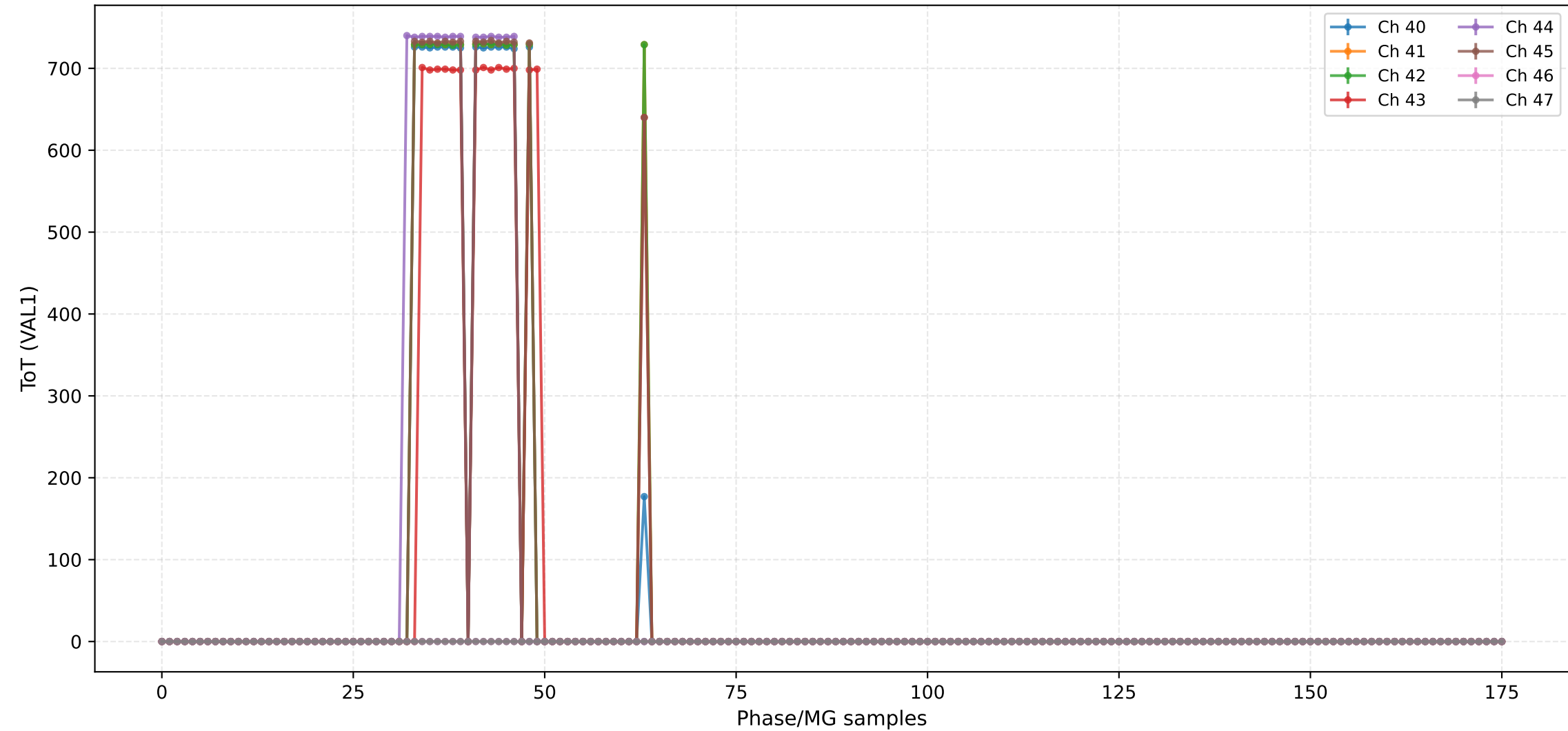
## ToT (VAL1) - Channels 24 to 31



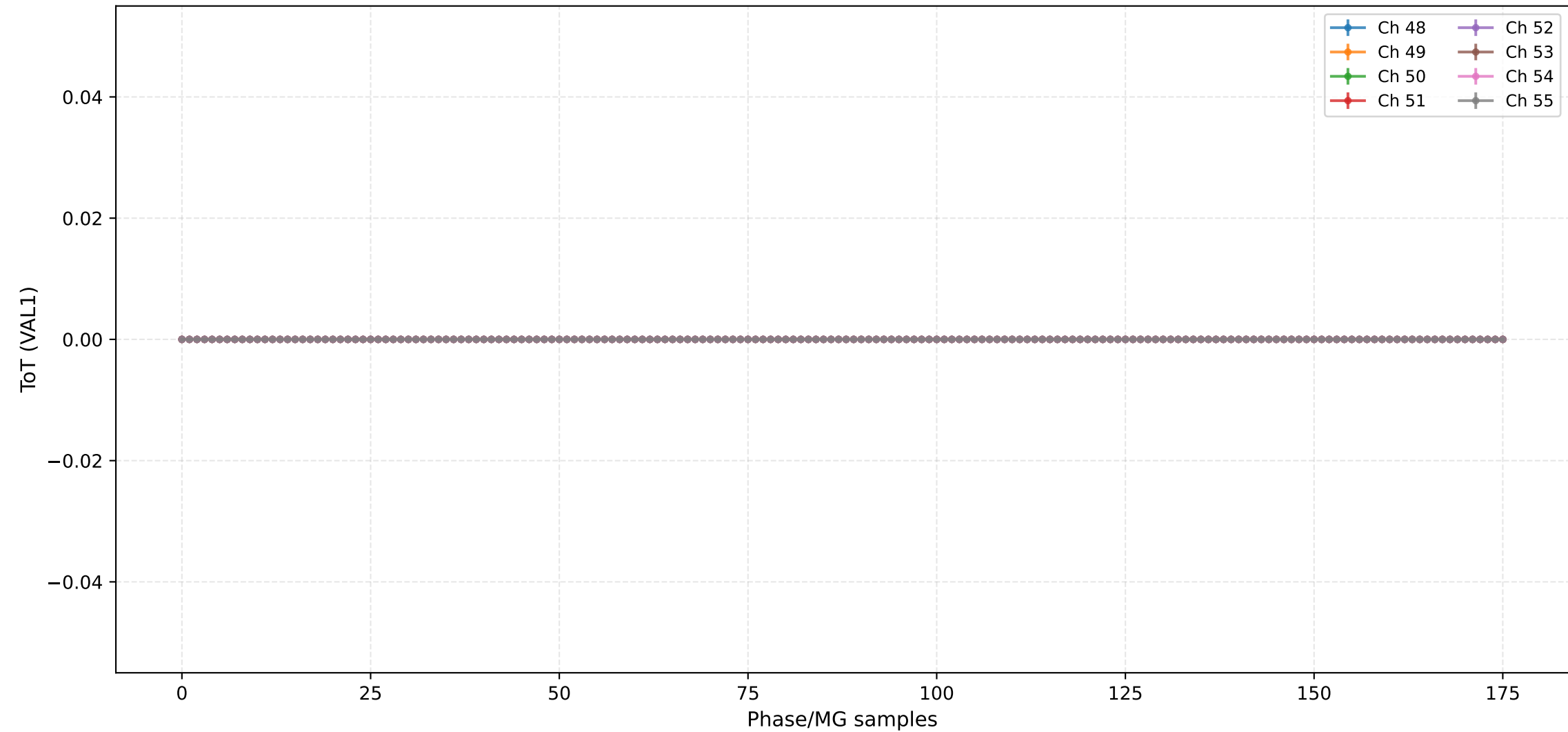
## ToT (VAL1) - Channels 32 to 39



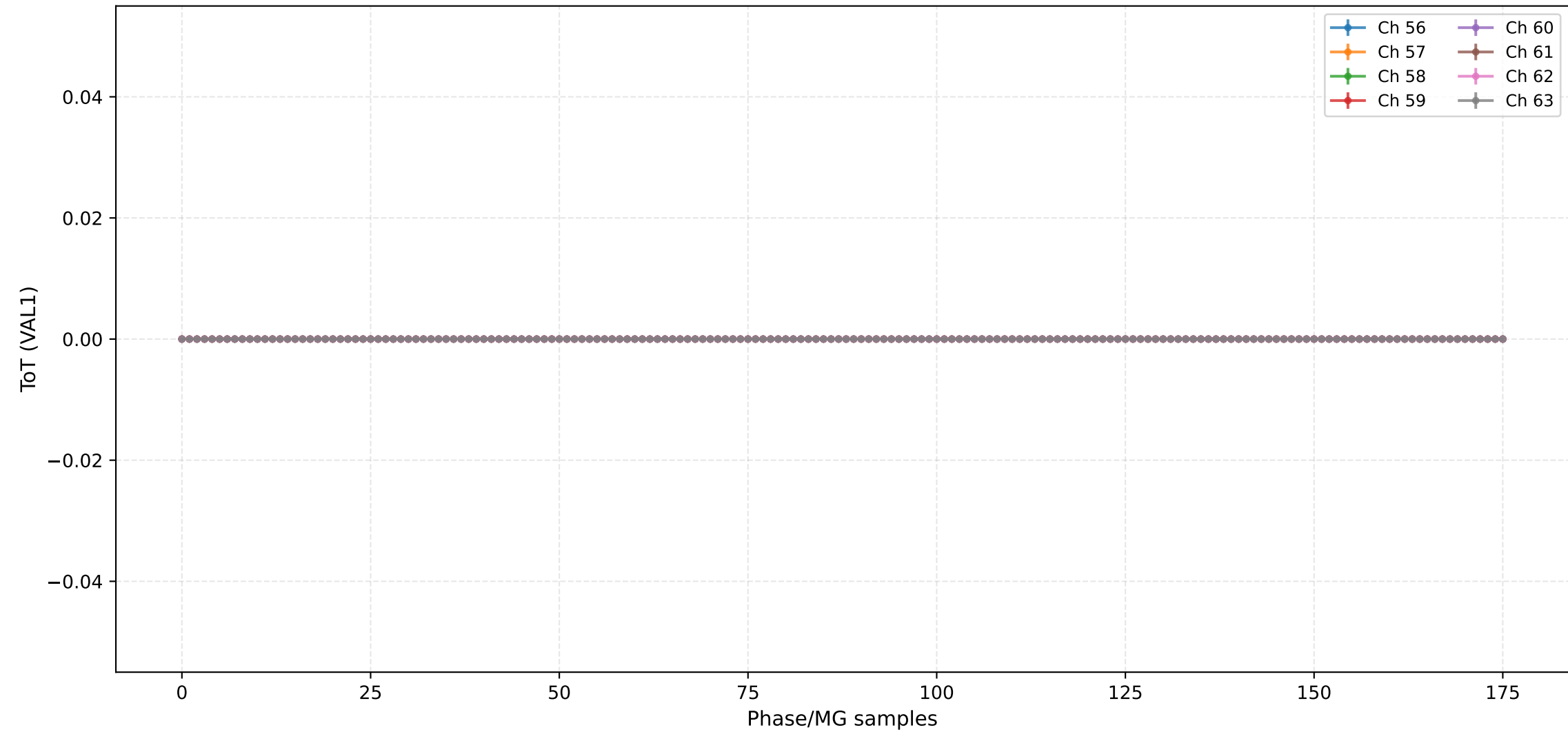
ToT (VAL1) - Channels 40 to 47



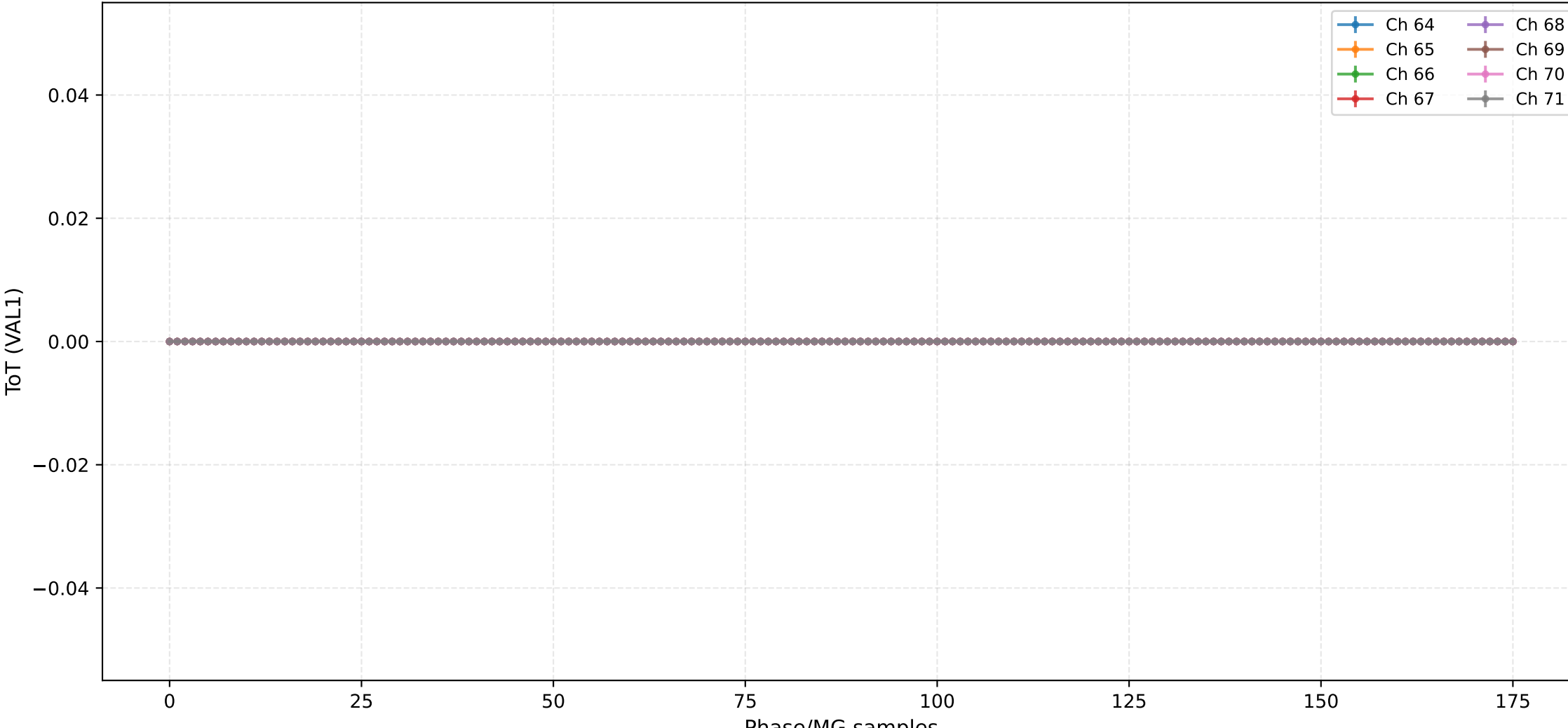
ToT (VAL1) - Channels 48 to 55



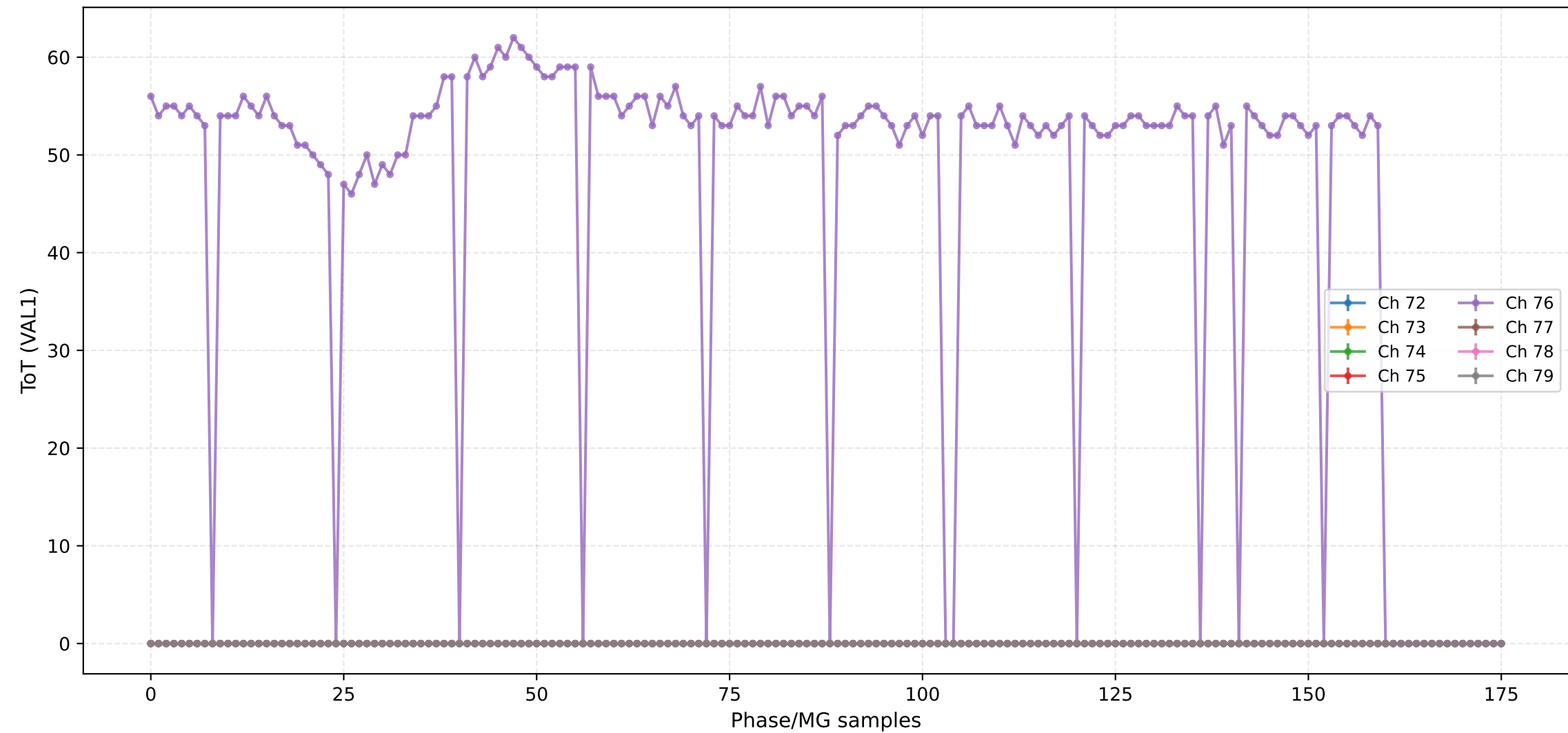
### ToT (VAL1) - Channels 56 to 63



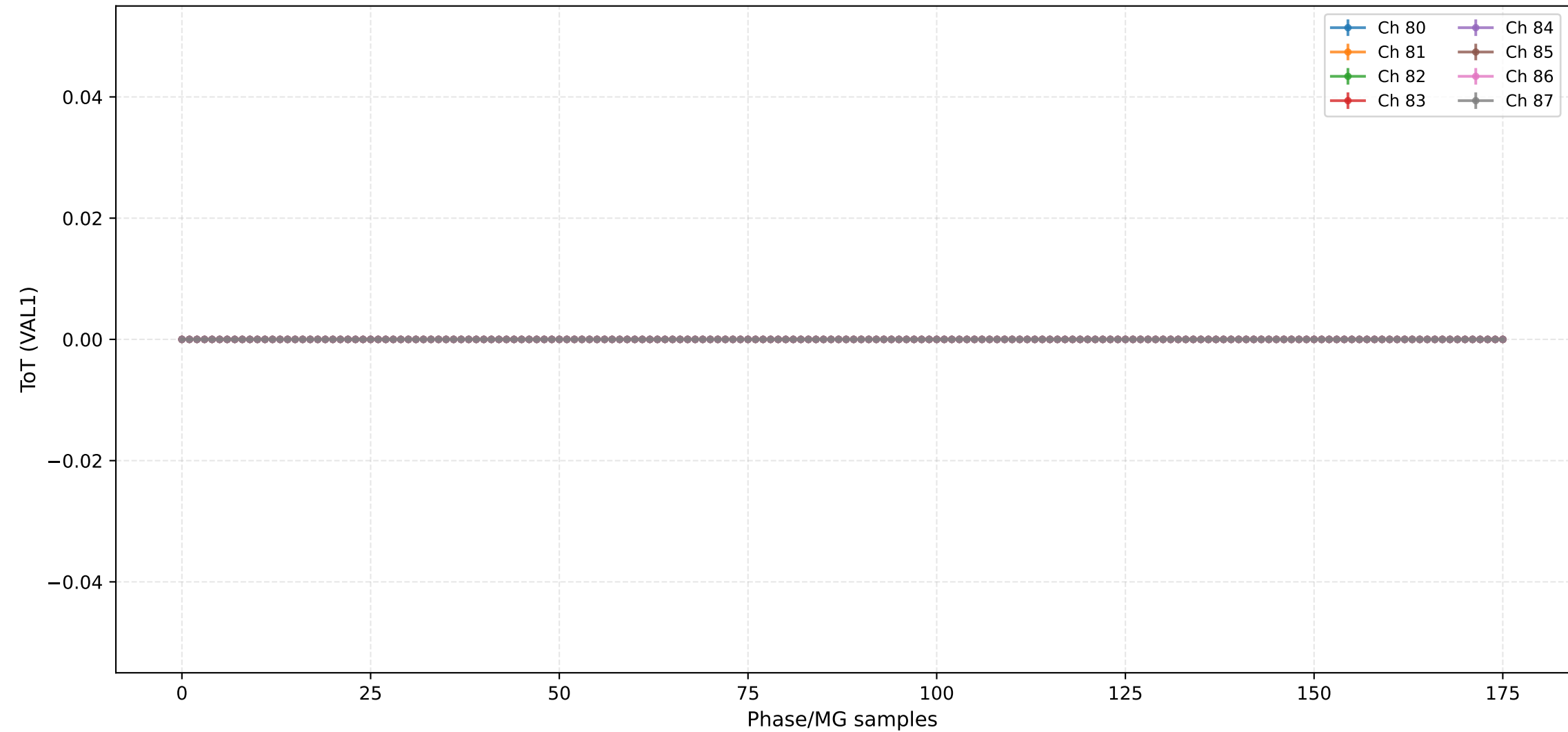
## ToT (VAL1) - Channels 64 to 71



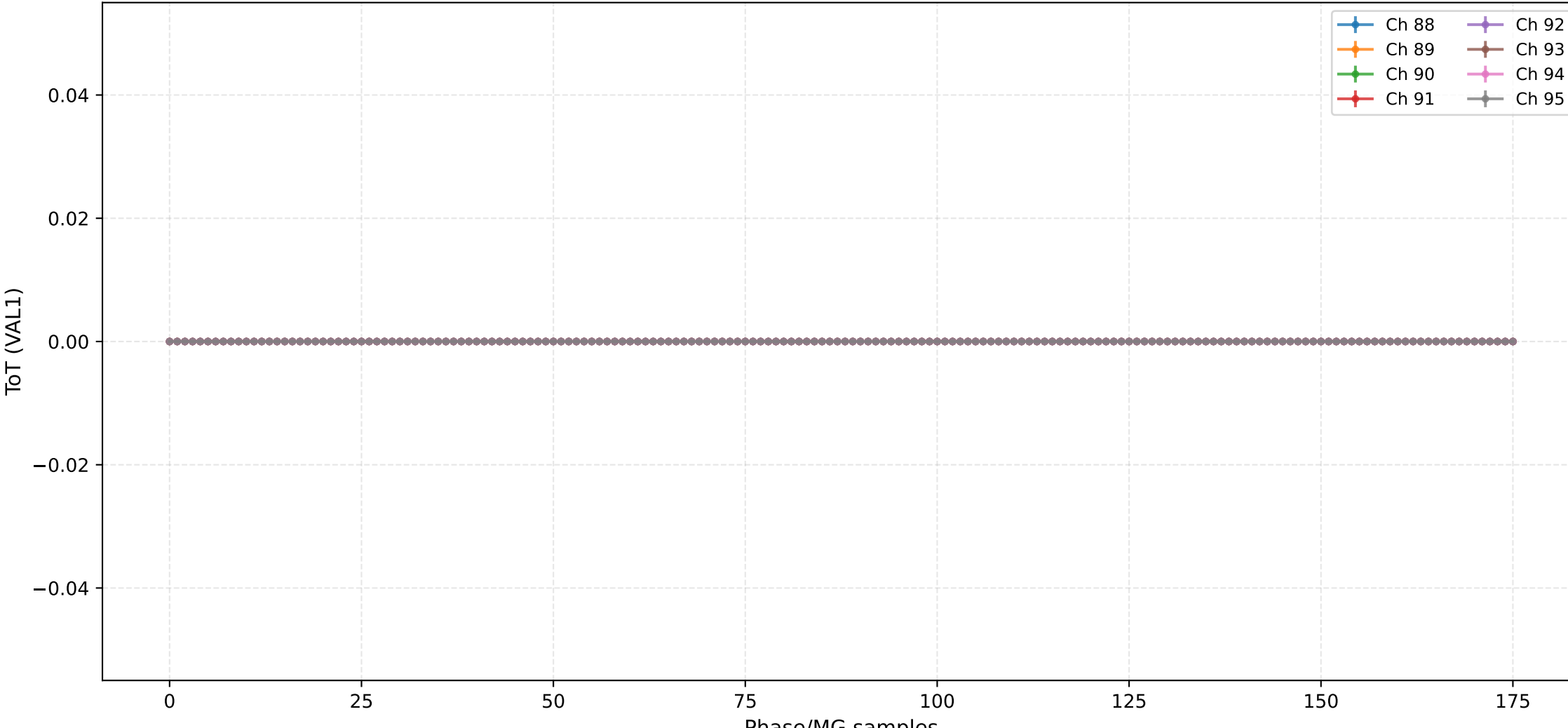
## ToT (VAL1) - Channels 72 to 79



ToT (VAL1) - Channels 80 to 87



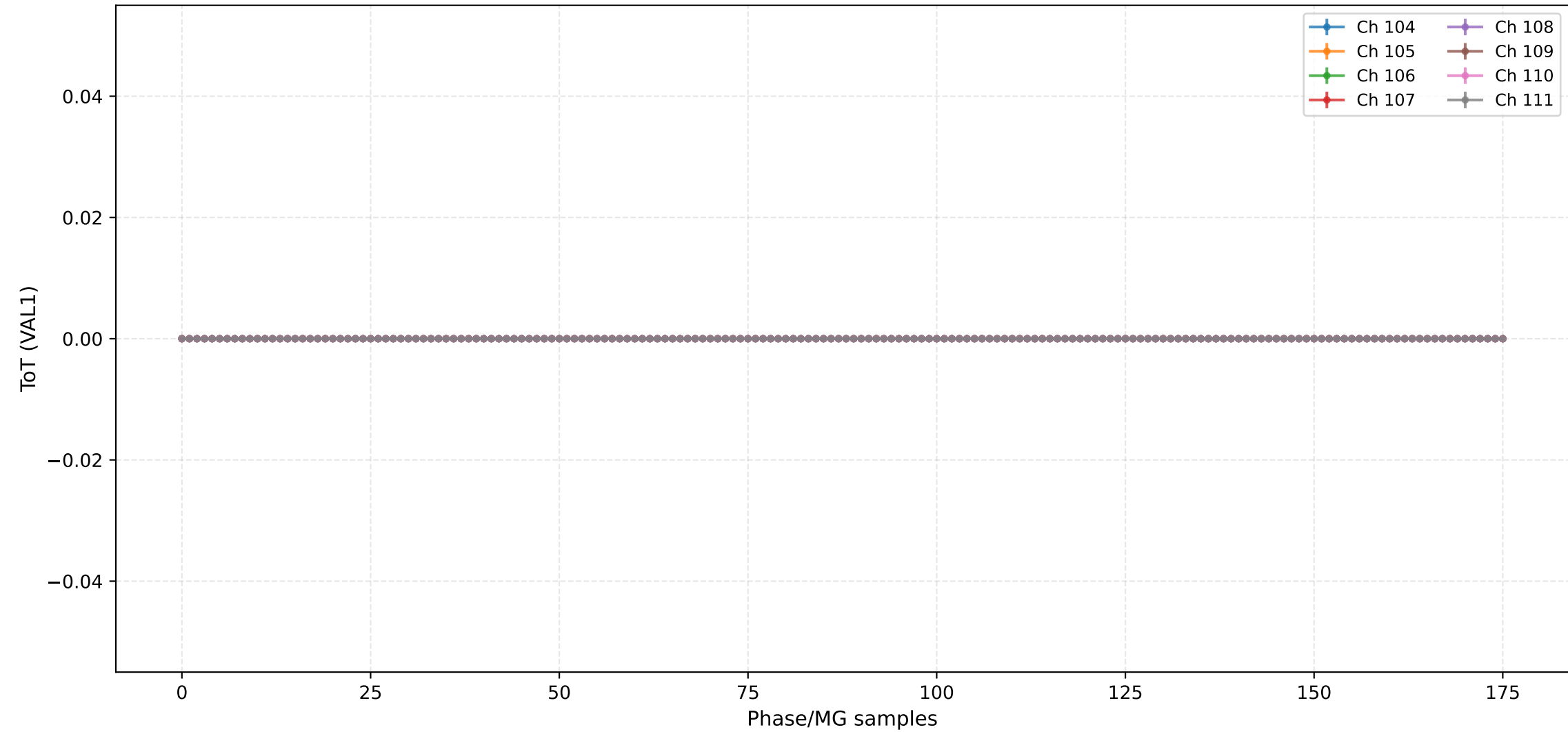
## ToT (VAL1) - Channels 88 to 95



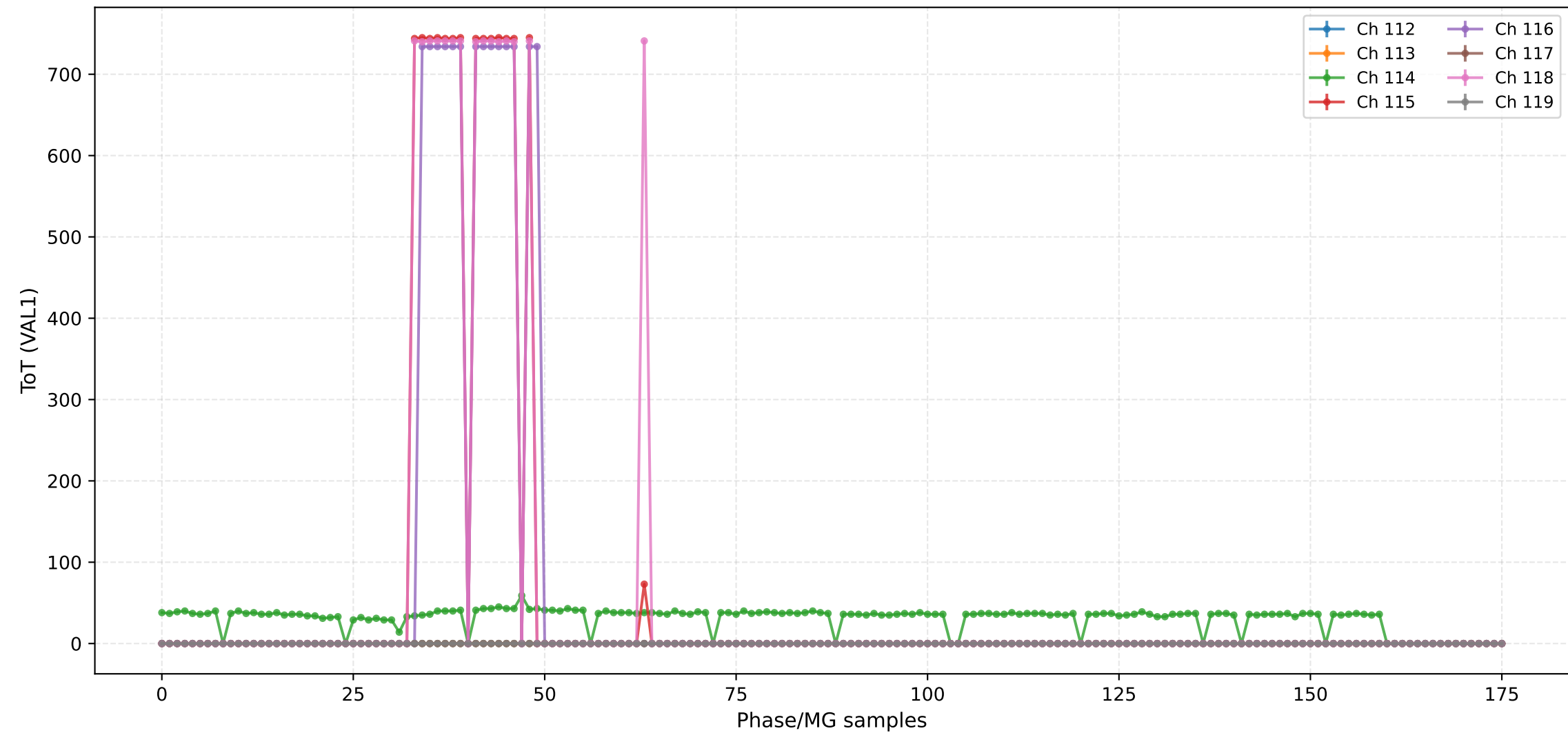
ToT (VAL1) - Channels 96 to 103



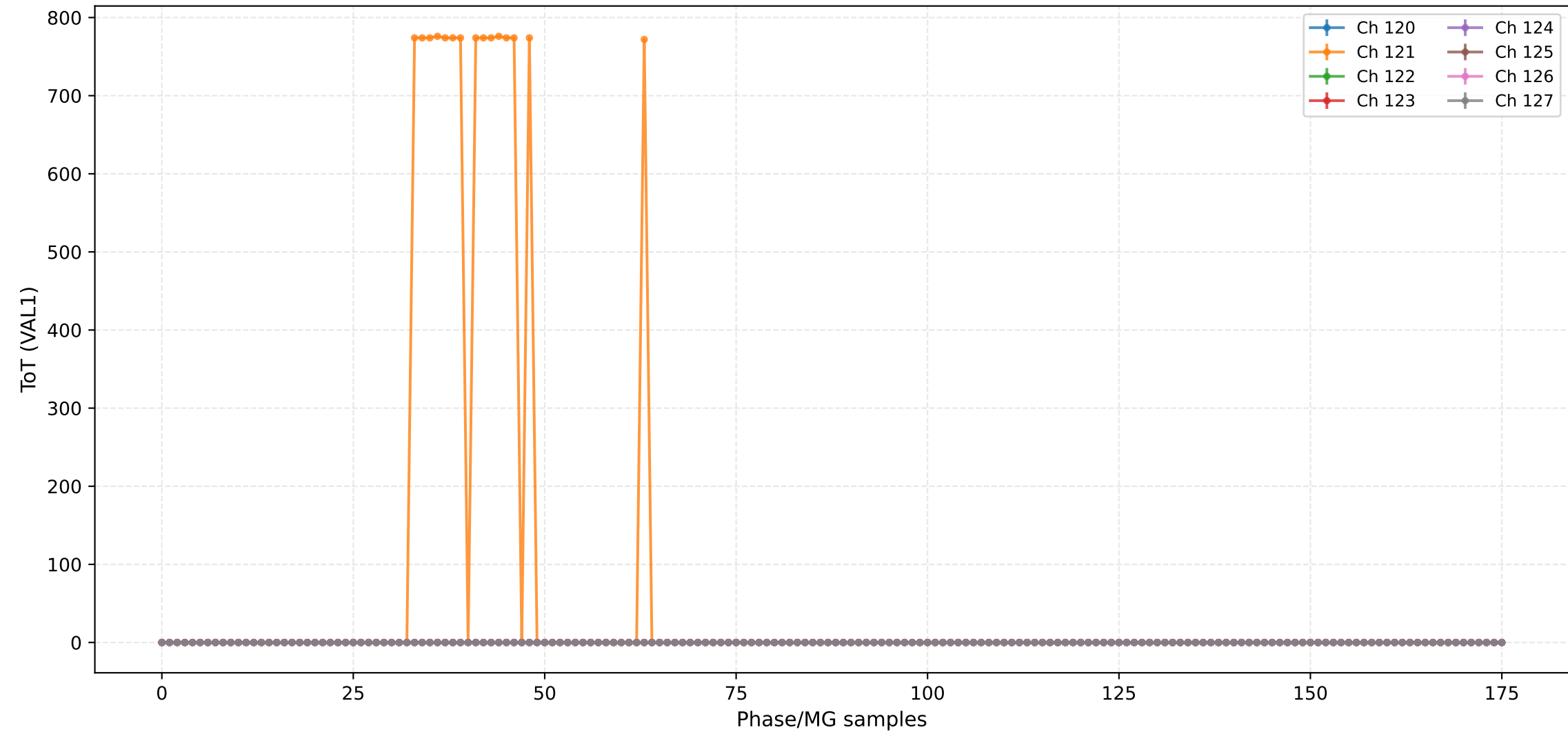
### ToT (VAL1) - Channels 104 to 111



ToT (VAL1) - Channels 112 to 119

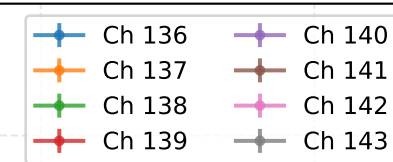


### ToT (VAL1) - Channels 120 to 127



## ToT (VAL1) - Channels 128 to 135

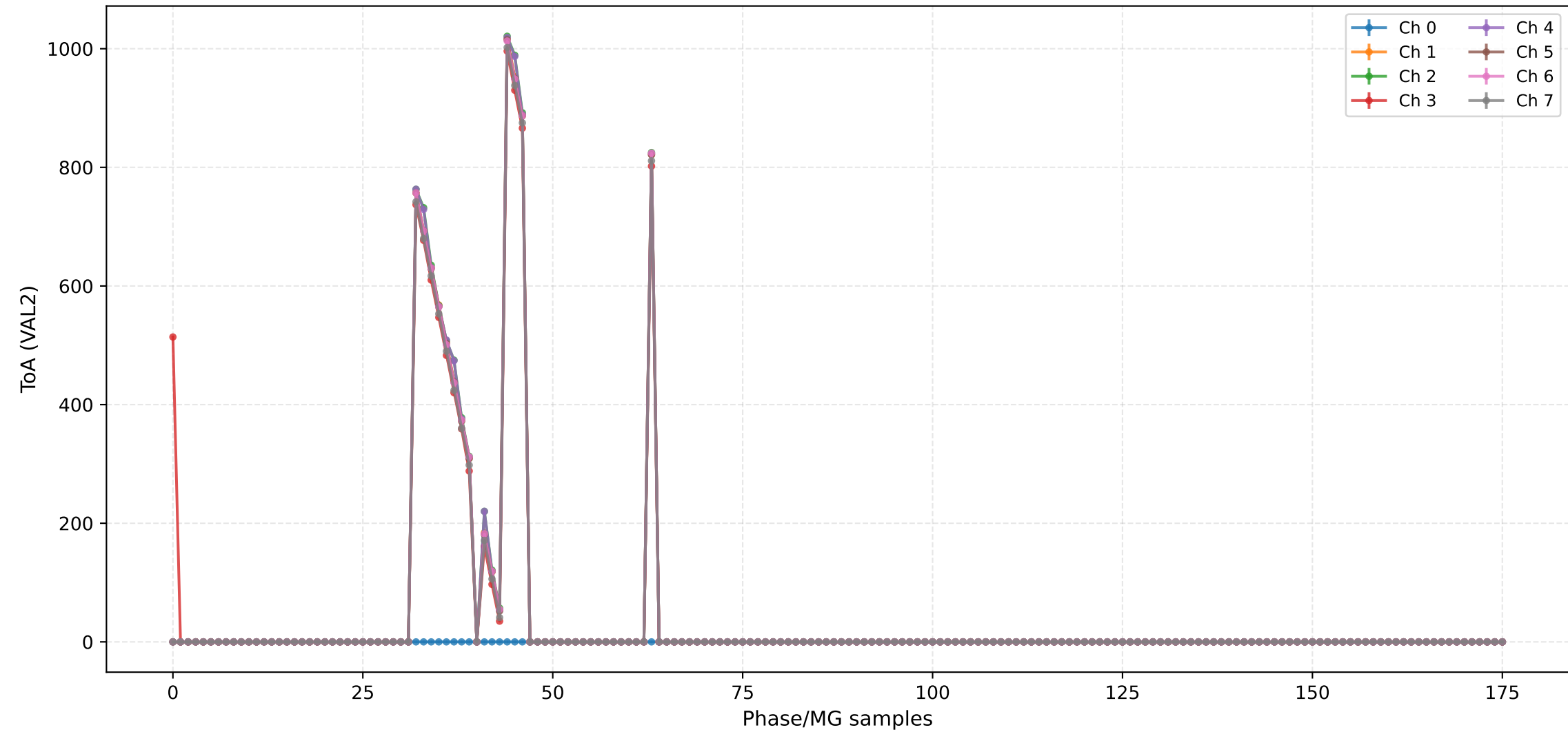




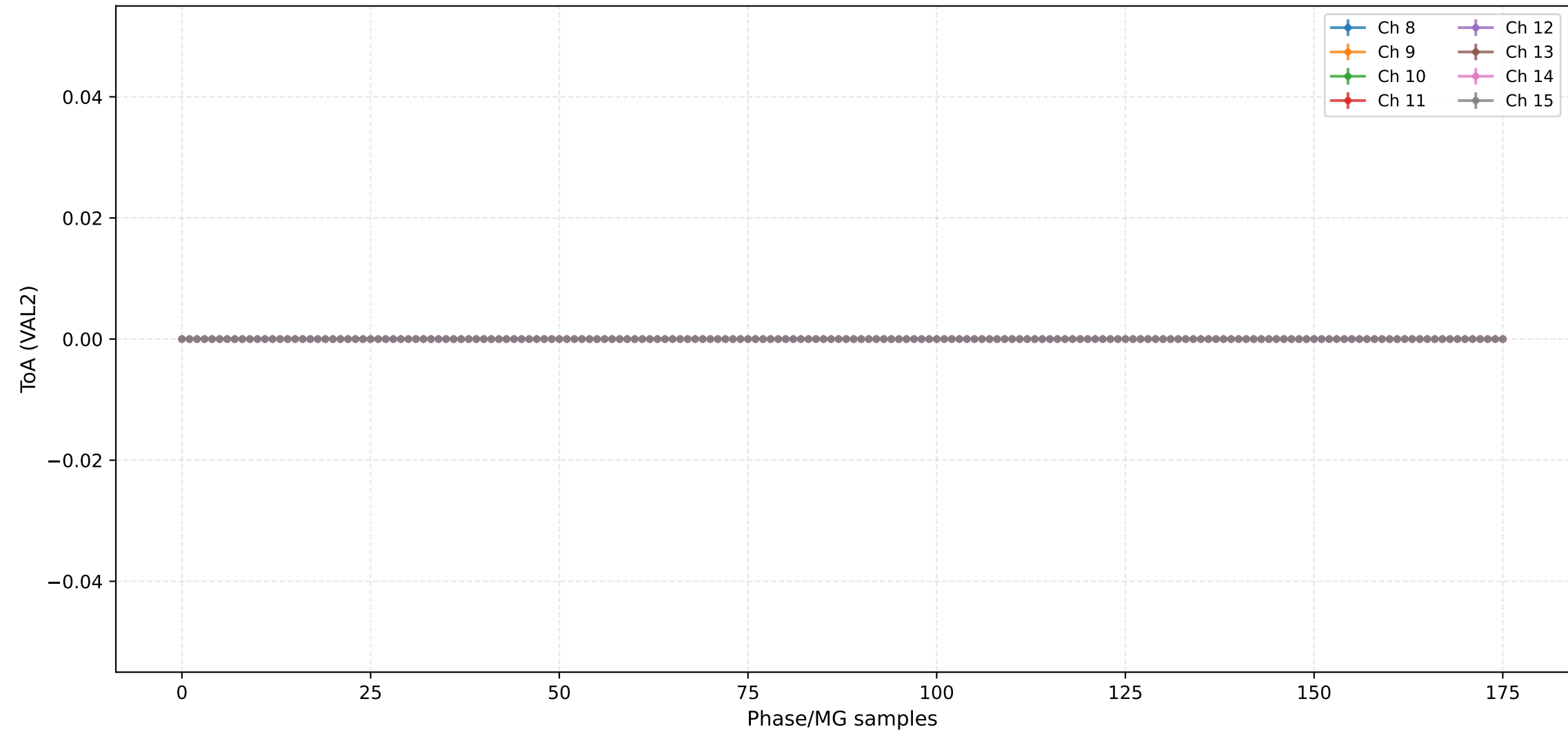
ToT (VAL1) - Channels 144 to 151



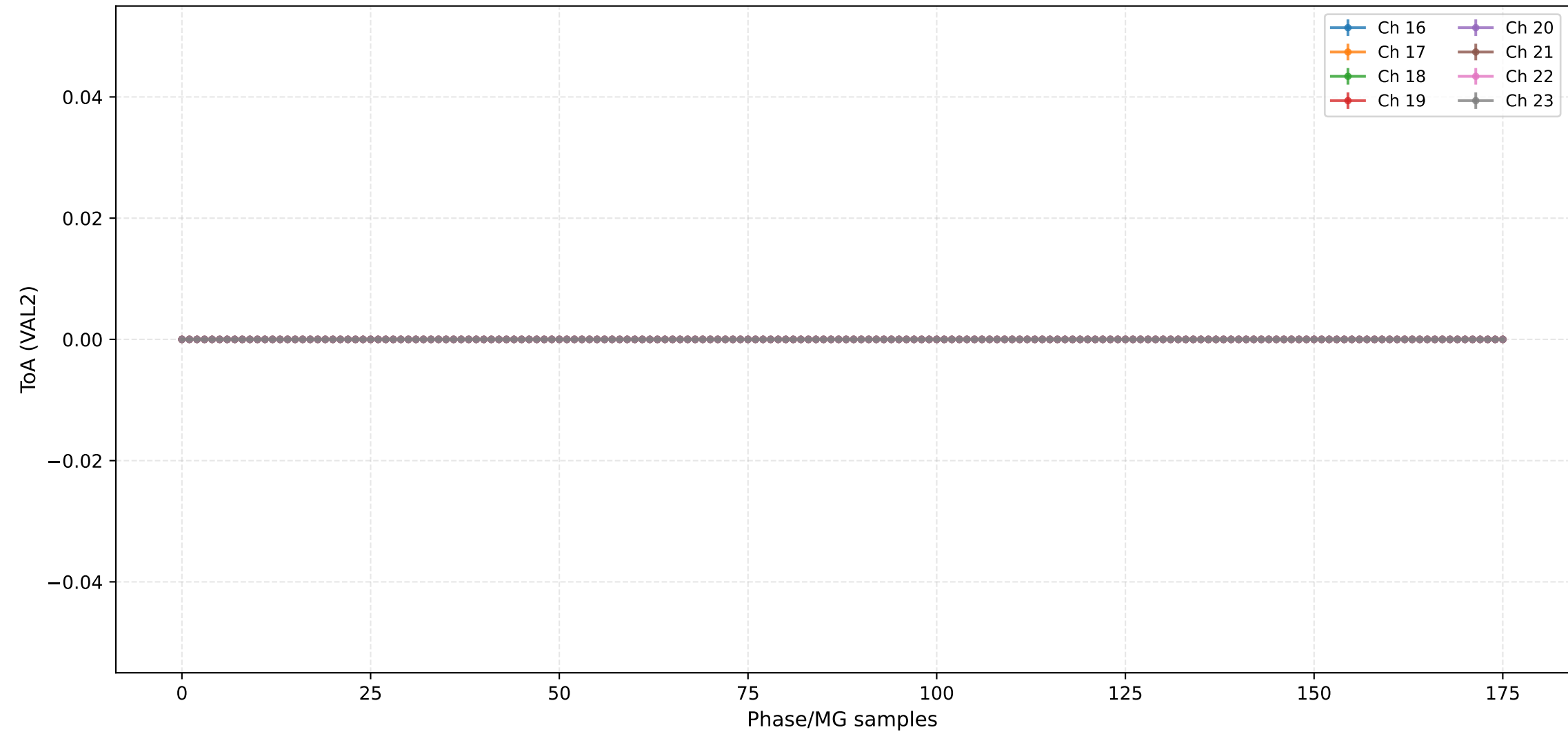
ToA (VAL2) - Channels 0 to 7



## ToA (VAL2) - Channels 8 to 15



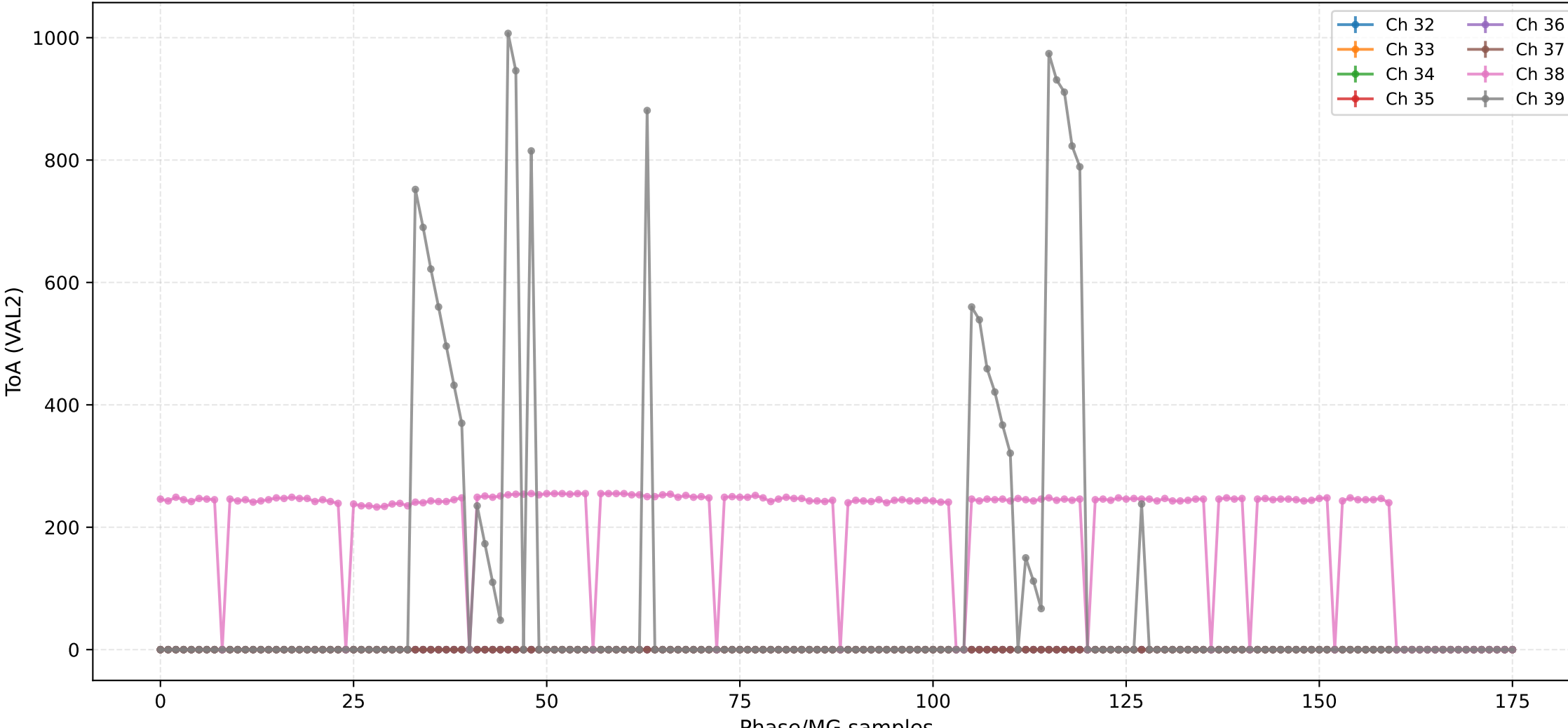
## ToA (VAL2) - Channels 16 to 23



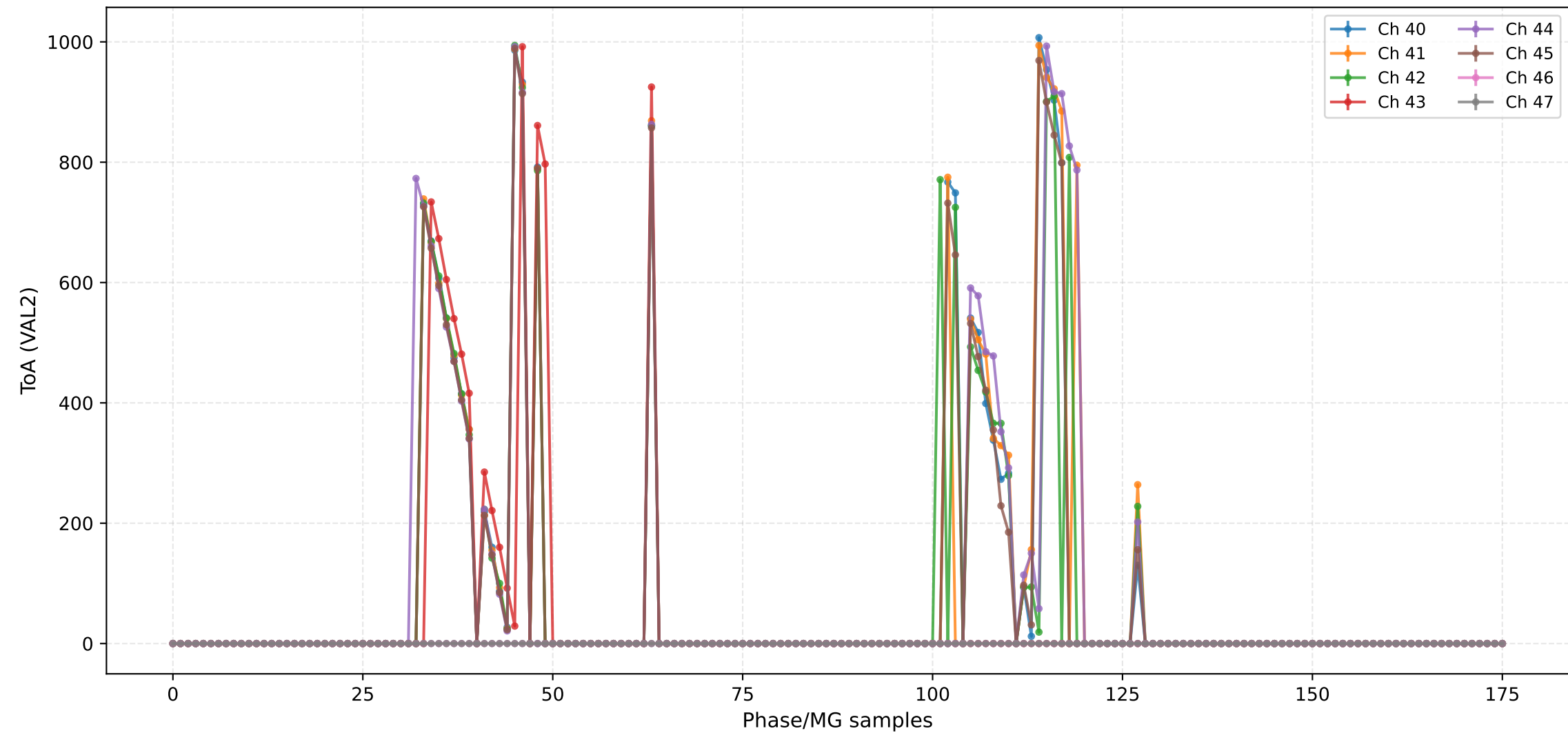
ToA (VAL2) - Channels 24 to 31



## ToA (VAL2) - Channels 32 to 39



ToA (VAL2) - Channels 40 to 47



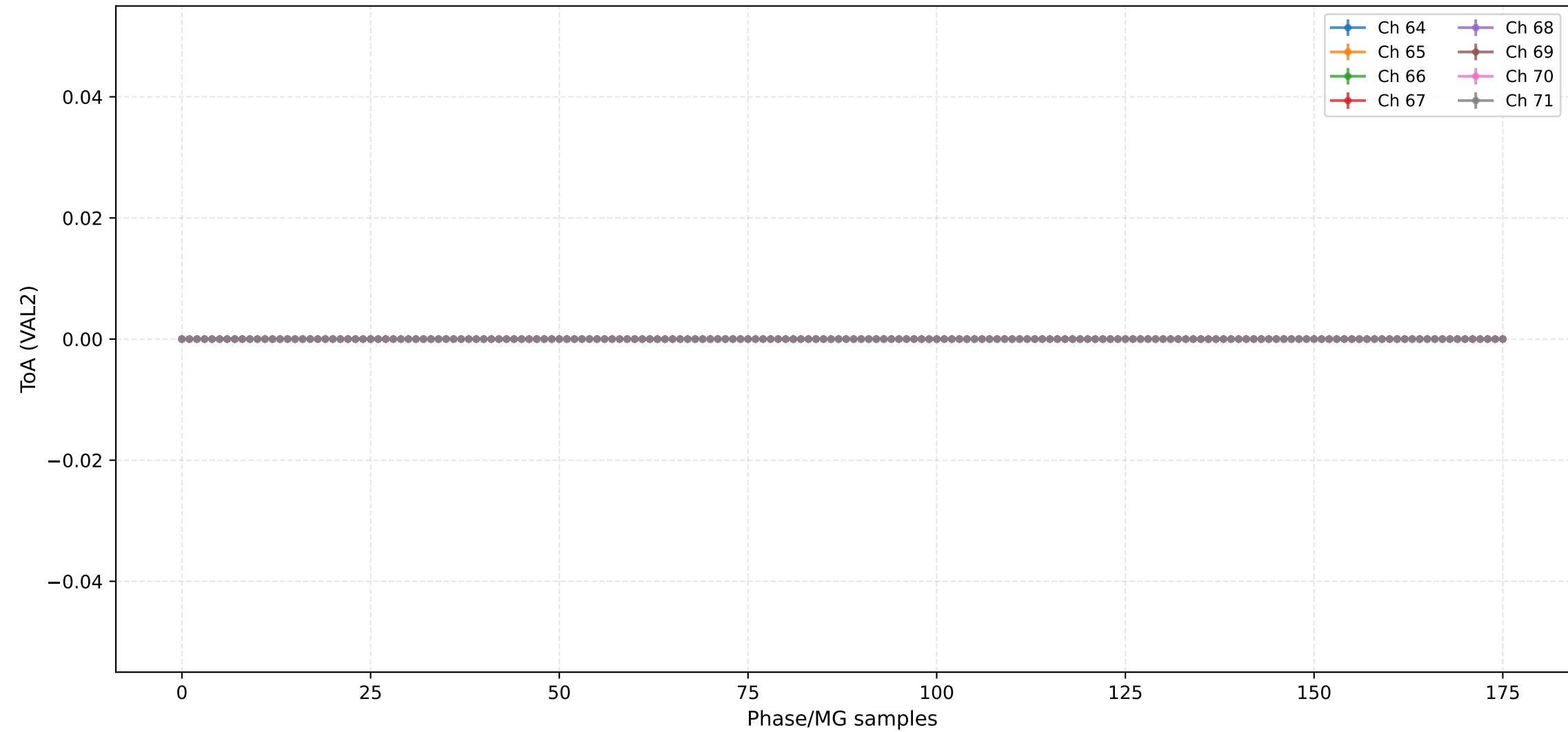
## ToA (VAL2) - Channels 48 to 55



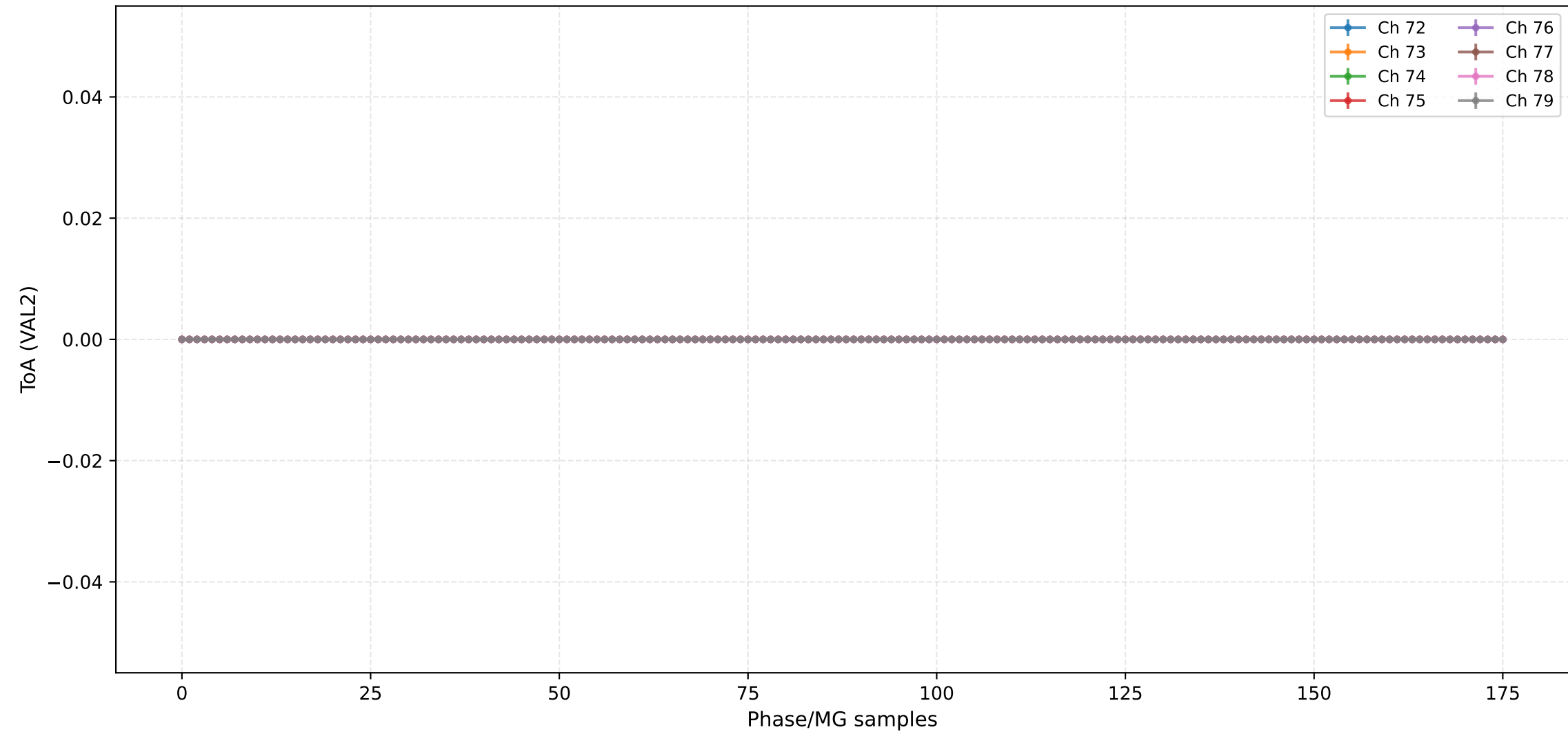
## ToA (VAL2) - Channels 56 to 63



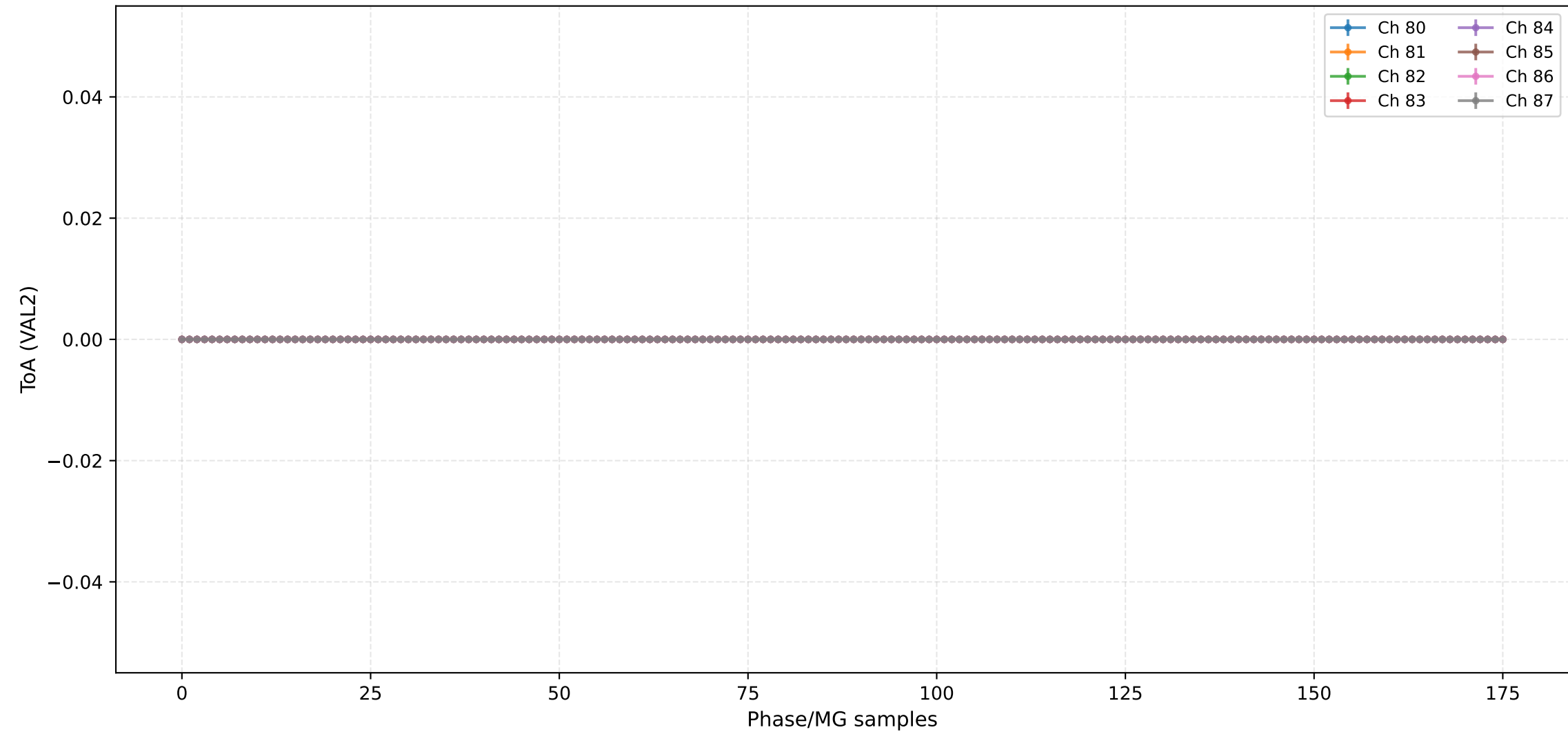
## ToA (VAL2) - Channels 64 to 71



## ToA (VAL2) - Channels 72 to 79



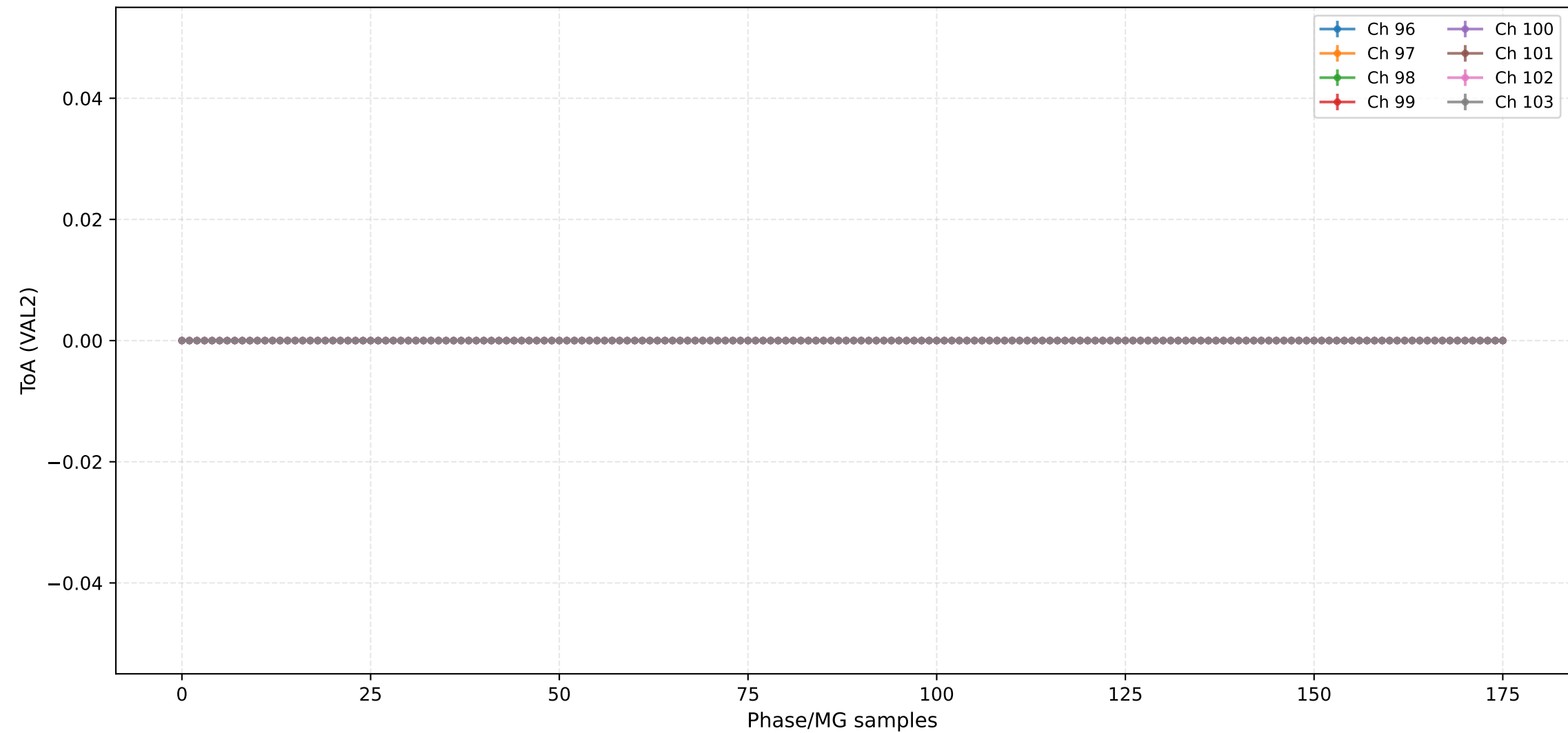
## ToA (VAL2) - Channels 80 to 87



## ToA (VAL2) - Channels 88 to 95



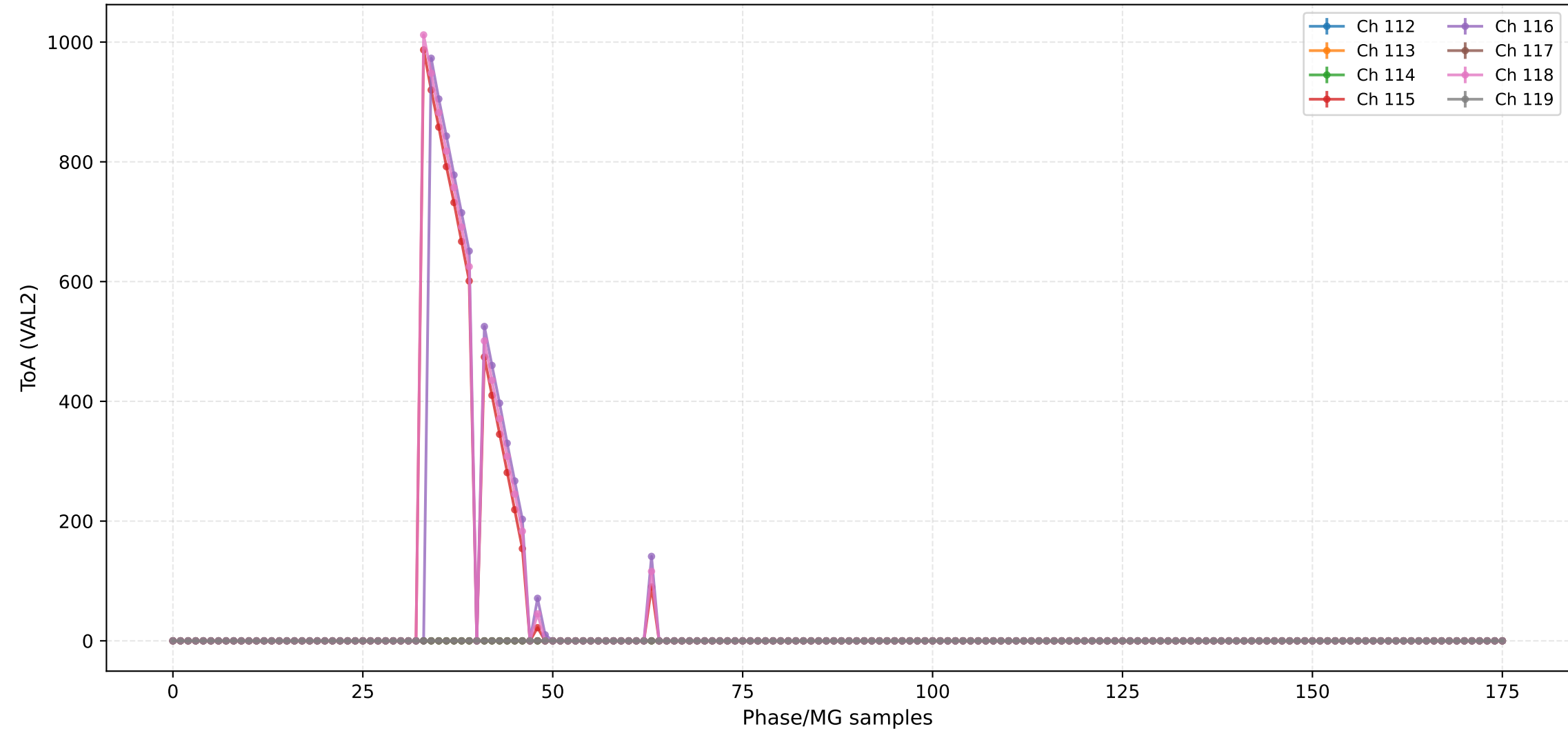
## ToA (VAL2) - Channels 96 to 103



ToA (VAL2) - Channels 104 to 111

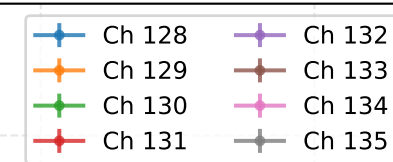


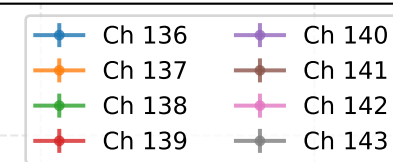
## ToA (VAL2) - Channels 112 to 119



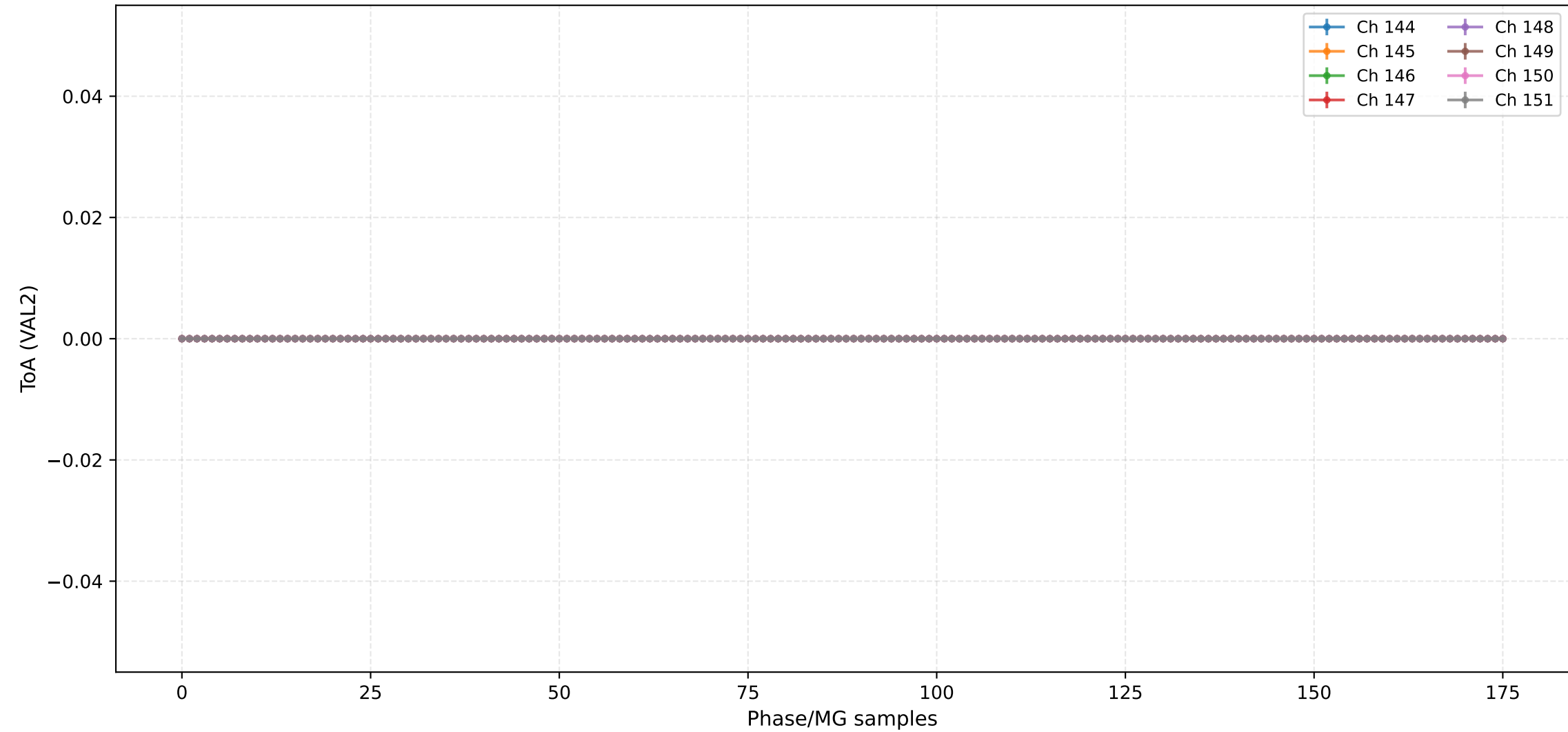


The figure displays a plot of the expectation value of the Pauli matrix  $\sigma_y$  versus time for six channels. The x-axis is labeled 'Time (10<sup>-10</sup> s)' and ranges from 0 to 175. The y-axis is labeled 'Expectation value' and ranges from -0.5 to 0.5. The legend identifies the channels: Ch 128 (blue), Ch 129 (orange), Ch 130 (green), Ch 131 (red), Ch 128 (purple), and Ch 129 (brown). All channels show a constant expectation value of approximately 0.05 across the entire time range.





## ToA (VAL2) - Channels 144 to 151



## Injection Scan Results

---

Script: 205\_Injection v1.0

Date: 2025-12-13 10:32:01

### Configuration:

- Total ASICs: 2
- Injection DAC: 900
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 16
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac900\_mg10\_pack2\_chn16\_val0.csv
- 205\_Injection\_asic2\_injdac900\_mg10\_pack2\_chn16\_val1.csv
- 205\_Injection\_asic2\_injdac900\_mg10\_pack2\_chn16\_val2.csv